je Kining Journal

RAILWAY AN OMMERCIAL

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1155-Vol. XXVII.]

LONDON, SATURDAY, OCTOBER 10, 1857.

STAMPED ... SIXPENCE, UNSTAMPED .. FIVEFENCE,

recent prices:

Pendeen Consols.

Providence Mines.

Alfred Consols.

Wheal Edward.

Kelly Bray.

North Wheal Basset.

Beiling Well.

Great Wheal Blasy.

Beiling Well.

Great Wheal Blasy.

Herodistost.

Wheal Margaret.

Wheal Margaret.

Wheal Margaret.

CATHERINE AND JANE CONSOLS.—Mr. Caoyrs has special and important business to transact in the NEW SHAREs of these promising MINES. Copies of sport of meeting (20th September) to be had of Mr. Caoyrs, on application. Pensus Edward
Wheel Edward
Kelly Bray.
North Wheel Basset.
Boiling Well.
Porkellis United:
Wheel Margaret.
In the N

Tehidy.
Par Consols.
Wheal Arthur.
Great Wheal Alfred.
Wheai Grenville.

R. JAMES LANE, MINING SHARE DEALER, 29, THREADNEEDLE STREET, LONDON, has BUSINESS in—
ry Ann.
Roytridge Consols.
Gaveny.
Jy Bray.
East Russell.
Lady Bertha.
Caberine and Jane.
Wheal Arthur.
Wheal Wrey.

OR SALE, at NETT PRICES, for immediate delivery:

5 Alfred Consols.

5 Margery, \$13.

5 Lelant Consols, \$2.

5 Margery, 23.
20 Trewetha, 23s.
10 East Afred.
20 Sortridge, 23%.
1 South Cara Brea.
1 Gramb and St. Anbyn.
1 Gramb and St. Anbyn.
Limentary, 11, Royal Exchange, London, E.C.
Limentary, 11, Royal Exchange, M.

PETER WATSON (Member of Mining Exchange), MINING BROKER, STOCK and SHARE DEALER, will EXECUTE all ORDERS en-

MR. LELEAN is a BUYER and SELLER of the following SHARDS, at market primes:—Lady Bertha, Margery, Edward, North Lewis, Providence, Affred Consols.

Mr. Lellan is also a SELLER of 100 East Providence, 25 West Polherro, 10a.; 5 Trairon, 10 Wheal Wrey, 50 Catherine and Jane, 100 West Par, 2 St. Ive's Consols, 16 out Caradon, 22 South Song, 23; 25 Ding Dong, 300 Molland, 1a. 6d.; 10 West Manyaway, 20a.; 36 Baindon, 23; 10 East Margaret, 23%; 20 Fenderen, 46s. 9d., 4, Cashion-court, 01d Broad-street, E.C.

O CAPITALISTS.—RELIABLE INFORMATION may be obtained on application to the andersigned, in respect of MISCELLANEOUS URITIES generally. BANKS, INSURANCE SHARKS, LAND COMPANIES, Generally. BANKS, INSURANCE SHARKS, LAND COMPANIES, SIGNICHAMAN, BALLWAYS, FOREIGN STOCKS, and the PUBLIC DS BOUGHT and SOLD at the closest market prices, and at moderate commiscretices given and required. JOHN BATTERS, Stock and Sharebroker.

Throgmorton-street, London, E.C.

TAMES H. UOCK, MINE SHAREBROKER, GENERAL COMMISSION AGENT, AND ACCOUNTANT, REDRUTH, CORNWALL, Orders for the PURCHASE and SALE of MINE SHARES, MINING MATE HALS, &c., promptly stiended to.

CAPT. THOMAS DUNN, of TAVISTOCK, undertakes to INSPECT,
REPORT, and SURVEY any MINES or MINERAL PROPERTY in ENGAPPLICATION OF WALES. No objection to take the management
any mine or mines in the neighbourhood of Tavistock.

JOHN GLEDHILL AND CO., MINE AGENTS, SHARE BROKERS, AND GENERAL DEALERS.

MINING RECORDS OFFICE, 7, SOUTH FARADE, LEEDS.

Mises well selected are the best invastments, paying from 18 to 30 per cent. on the stiny. They have to OFFER SHARES is most of the DIVIDEND and PRORESSIVE MINES, and are ready to give every information relative to all mining fatters.—Dated Oct. 9, 1857.

MR. HENRY GOULD SHARP will be happy to receive BUYING and SELLING ORDERS in every description of MINING, BANK, RAIL-AT, INSURANCE, and OTHER SHARES. All town and sountry communications will be ponetually stiended to; and every information afforded to parties having once espatial to invest, as to those mines likely to prove most renunerative.

Mr. H. G. Suarr recommends any of the following for present lavestment:—

Rest Wheal Russell, Kelly Bray Bedford Consols

Light & Wentworth Ding Dong Consument

Great Caradon Alfred Consols Howkmoor Great Aifred

Lady Bertha Great Wheal Busy Wheal Harriett

Mr. H. G. Sharp is instructed to SELL:—

Whitchurch Consols

Mr. H. G. Sharp is instructed to SELL:—

Mr. H. G. Saanr is instructed to SELL:— 5 Suller and Basset. 10 East Afred. 9 Hackworthy Bridge. 150 Chollacott Consol Office, 2. Chursh-court, Clement's-lane, Lomba

E. GOMPERS IS A
Hardestoot. 20 Hawkmoor. 25 V.
28 Cons., \$22 V.
28 Consequent Unit., \$25 V.
29 Consequent Unit., \$25 V.
20 Great Alfred. BUYER OF 5 Bedford United, 100 Lady Bertha, 18s, 10 Gonsmens, £10. 180 East Russell, £1%. 50 Pedn-an-dres, 3 Wheal Margaret.

And a SELLER of-

S H A R E S F O R S A L E:—

50 Vale of Towy, 20c.

1 Wh. Margaret, 262%.

5 Wheel Wrey, 25%.

35 Baller and Basset Uni.

101d Tolgus Unit., 250.

SHARES WANTED—
SHARES WANTED—
Selly Easy, 54a. 100 Lady Bertha, 15a. 6d. 20 Marke Valley, 234.

P East Russell, £1%. 100 Great Hewas, 17a. 6d. 20 Marke Valley, 234.

W. Micurit having rescally inspected the underground workings and prospenters and the sell of the sell of the property of a rise is the price of some, whilst he has no doubt there must be a drop pipe of olders.—Oct. 9, 1857.

UCCRGS PUL. INVESTMENT IN BRITISH MINES depends on a minute sad comprehensive knowledge of the subject. Capitalisis unacquainted the nature of mining operations and the market should ast under the direction and the public of the public in effecting PUECHASES and SALES of MINING, RALWAY. MINING, CANAL, INSURANCE, and any other description of stock, &c. of description of property affords such large profits, with security from under the public of the public of the stock of the public of the stock of the public of the stock, &c. of description of property affords such large profits, with security from under the public of the stock, &c. of description of property affords such large profits ands, the export of uninessit, the combinations constantly forming for the development of mineral wealth, then the such that the proving importance of British mining.

W. STOCKWELL is last recited to TRANSACT BUSINESS in the leading DI-SND MINES which are yielding on the average 25 per cent. per smuon on previous the state of the state of the state of the profits mines, where a rise of many and as cents may be separated.

GRONGE MOORE WILL SELL the following SHARES, or any of thom, FREE OF COMMISSION:—

5 Alfred Consols, £13½.

5 Great Wh. Alfred, 6½.

20 St. Day United, 25s. £4.

10 Basiford United, £7½.

10 Calabombe.

50 Catherine and Jane, 5v.

50 Keily Bray, 36s. 9d.

50 Keily Bray, 36s. 9d.

50 Keil Baset, £1½.

50 West Baset, £1½.

50 West Baset, £1½.

50 Wheal Keiward, £9½.

In any business that Grone's Moone is favoured with, in which he is the buyer, he will give Casel ON RECEIPT OF TRANSFER; and will allow any purchaser of undoubted respectability to have share registered, and receive certificates of same,

MESSES, J. J. REYNOLDS AND SON,
STOCK, RAILWAY, AND MINING SHAREBROKERS, No. 1, ROYAL
EXCHANGE BUILDINGS, LONDON, E.C., TRANSACT BUSINESS in BRITISH
and FOREIGN MINES, STOCKS, and RAILWAY SHARES, on the usual commission. The Stock Exchange List of Prices transmitted by post, with special remarks,
dietated by the circumstances of the day, for the information of correspondents.
Messra, J. J. Brynolds and Sow would direct attention to the undermentioned
mining properties, as being well worthy of notice, more particularly to West Seton,
Tineroft, North Lewast, South Prances, North Frances, and the United Mines, for
the lavestment of capital; and, on account of the exceedingly low prices of the shares,
to Morth Crofty, Camborie Vean, and East Roseswarne, for speculators.

; and, on account of the exceeding the Vean, and East Recewarne, for DIVIDEND-PAYING MINES. Great South Tolgus. Herodefoot. Iale of Man. Levant. Miners Mines. North Reskear. Vale of Towy. Wendron Const West Basset. Wast Caradon. West Wheal Se

Botalisck. Carn Bres. Condurrow. Cwmystwith. Derwent Mine Dolcoath. Drake Walls.

ROGRESSIVE MINES. East Trefusis. Great Oarsdon. Great Wheal Busy. Lady Bertha. New Treleigh Consols. North Buller. North Tavy. North Wheal Robert.

Wheal Basect.
Wheal Builer.
Wheal Clifford.
Wheal Margaret.
Wheal Mary Ann.
Wheal Seton.
Wheal Wrey. Silver Valley.
South Garn Brea.
South Wheal Bilen
Trebarvah.
Trevelyan.
Trevoole.
Trewane United.
West Alfred. West Crimnis and Rege West Cupid. Wheal Edward. Wheal Emma. Wheal Margery.

JAMES HERRON has FOR SALE the following SHARES, at the prices quoted, and FREE OF COMMISSION:—

15 Bryatsil.

10 Grenville.

10 Great Hewes, 19a, 9d.

20 Cather, and Jane, 9a, 9d.

20 Cather, and Jane, 9a, 9d.

20 Chancellozwille, 5a, 9d.

20 Chanc

3, Adam's-sourt, Old Broad-street, London, Oct. 8, 1857.

MESSRS. VIVIAN AND REYNOLDS, MINE AGENTS.

63, OLD BROAD STREET, LONDON, E.C.

Messra, Vivian and Raynolds are emabled, through the long experience of Mr. W.

6, Vivian as an underground agent and manager of mines in Cornwall, and in various foreign constriet, to afford information on source important mining districts; and to import and report on mines. They are also enabled, by the several years' acquaint-ance of Mr. J. J. Raynolds, jun., with the trissaction of the London share market, to distain every advartage for those who may want either to buy or sell mining or uny ther description of stock.

Messra, Vivian and Extraolds have daily information from the principal seate of mining, which are the service of those who may honour them with their confidence.

The value of mining stock generally is advancing, owing to the sounder business principles which are being introduced into this great branch of industry, and to the brilliant prospects which the present high price of metals give to mining enterprise. Messra, Vivian and Raynolds are of option that there never was a period when mining stock offered to enterprise so mitch hidety, combined with such good chances of rapidly increasing value; and, from infiguration recently received, they would direct the attention of capitalists to the following mines, as being sound undertaking, and their market value not in proportion to their prospects:

North Messl Confer.

Exet Rosewarne United. West Stray Park.

North Messl Confer.

Stray Park.

Messra, Vivian and Reynolds are SELLERS of the following SHARES:

West Rosewarne United. Sitray Park. Est.

Morth Planess City. Sitray Park. Est.

Morth Planess City. Sitray Park. Est.

Mesers. VIVIAN and RETNOLDS are SELLERS of the following SHARES :-

1 When Besset, 2207 1/2.
1 South Frances, 2245.
1 West Seton, 2350.
1 North Rockear, 2140.
5 Alfred Consols, £12%.
10 Tincrofs, £4 5s.
10 Sortridge, £2 10s.
5 Edward, £9½. 5 North Frances, £13%. 5 Stray P.
10 East Airred, £5 13a, 9d. 1 Rosewar,
1 United: 1 Cambor 1 Margar
5 Travoole, £5%. 5 North I Solvent Crofty, £5%. 5 Gt. 8o.
10 North Levant, £3%. 25 West G.
10 North Levant, £3%.

MR. W. H. BRUMBY, STOCK AND SHAREBROKER,
1, QUIET STREET, BATH, is in a position to give the BEST ADVICE in
the SELECTION and PURCHASE of DIVIDEND and PROGRESSIVE MINES.

MR. B. LINTHORNE, ENGLISH AND FOREIGN MINING AGENT, 3. ADAM'S COURT, OLD BROAD STREET, LONDON.
BUSINESS TRANSACTED in all EMGLISH and FOREIGN MINES, and other SKUURITIES, on the usual farms of commission. Information afforded in respect to Dividend-paying and Progressive Mines.

MESSRS. A. J. HUTCHINGS AND CO.'S
PATENT IMPROVED WIRE ROPE.

LORDS OF THE ADMIRALTY, THE FRENCH AND TURKISH GOVERNMENTS,
And the principal Colliery Progrieters throughout the kingdom.

MARUFACTORY, MILL WALL, FOPLAR, LONDON.

ROUND and FLAT ROPES of every description, suitable for mining operations
or other purposes, GALVANISED, MANUFACTORED upon
the newest and most improved magnificate, onsaring greater Pilability, durability, and
strength; and is admit tiet by the principals cost propristors to the far superior to aby
other kind of wire rope. The superiorists of these ropes over hympen ques, in point
of strength, lightness, durability, and goot, is semiliated by all who haper tried them,
GUIDE ROPES, SIGNAL CORD, LIGHTNING CONDUCTORS, &c.

M. B. JAMES CROFTS, MINING AND SHAREBROKER, No. 1, FINCH LANE, LONDON (established 14 years), TRANSACTS every mind of Busin Essim Mining Shares, to the being a dealer, Buys and SELLs, of Commission or dere confided to him.

Altred Consols, Essably sheet of lead or most hij, see the reports from Holywell. The iron look is being dereshoped, and the ore shipped to market with all possible expedition.

Mr. Caoyrs also very strenuously recommends Vale or Towy Mink, lead, now ging dividends.

Mr. Caoyrs believes that Sr. Day Univer, under present management, will considerably advance in value.

Mr. Caoyrs considers the following shares also worth immediate attention at the present management, will considerably advance in value.

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VALUABLE MINING MACHINERY AND MATERIALS FOR SALE,
AT WHEAL GILMAR, ST. ERTH, CORNWALL.

MR. T. P. THOMAS has been favoured with instructions to SELL,
of October inst., at Twelve o'clock, in suitable lott, the following very excellent
MINING MACHINERY and MATERIALS:—vis. One 41 in. PUMPING ENGINE,
7 ft. in shaft, and 9 ft. in oylinder, with 11 tens boiler; one 22 in. stamping and whim
engine, 6 ft. stroke, equal beam, with 9 tons boiler.

I heads stamps, with skile, 1 ft. working-barrel,
10 ft. stroke, equal beam, with 9 tons boiler.

11 in. Horasses, 80., complete.

12 ft. working-barrel,
13 ft. 2 in. pump.
14 ft. 12 in. pump.
15 ft. 12 in. pump.
16 ft. 12 in. pump.
17 ft. 12 in. pump.
18 ft. 12 in. pump.
19 ft. 12 in. pump.
19 ft. 12 in. pump.
11 in. box and prongs.
11 in. box and prongs.
12 the materials working-bar.
13 in. blunger-pole.

Stuffing-box and gland.
15 in. blunger-pole.

Shaft tackle.

Shaft tackle.

Shaft tackle.

Shaft tackle.

Vice and crane.

10 in. plunger-pole.

ValuaBle MINING MACHINERY AND MATERIALS FOR SALE,
AT WHEAL SCHEM, CORNWALL.

ValuaBle MINING MACHINERY AND MATERIALS FOR SALE,
OR THIS CORNWALL.

12 in. bridge loit, the following very excellent
MINING MACHINERY and MATERIALS FOR SALE,
OR THIS CORNWALL.

Studies of the stroke of the sole of

tackie, and pulleys, complete.

12 in. H-piece.

13 in. H-piece.

15 ft. 12 in. pump.

16 ft. 12 in. pump.

17 in. pump.

18 ft. 12 in. pump.

19 ft. 12 in. pump.

19 ft. 12 in. pump.

11 in. box and grong.

19 ft. 12 in. pump.

11 in. box and prong.

11 in. box and prong.

12 ft. 12 in. pump.

13 ft. 12 in. pumper-case, with stuffing-box and gland.

15 ft. 12 in. pumper-case, wood cisterns, complete.

19 in. piunger-case, wood cisterns, complete.

19 in. piunger-pole.

Shaft tackie.

Shaft tackie.

11 ft. vorking-barrel.

10 in. plunger-pole.

Shaft tackie.

11 ft. vorking-barrel.

10 in. plunger-pole.

With dressing and other materials, amiths' tools, carpenters' stores, and other articles, too numerous to mation.

The above machinety and materials are aff in first-rate working condition, and well situated for removal.

For fartier particulars, catalogues, and to view, apply to the captain, on the mine; and for extalogues, conditions, &c., apply to R. R. Mickenkle., Esc., Marasion, Cornwall; and to the auctioneer, 2, Crow-court, Threadmeedic-street, London.

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NOTICE OF REMOVAL.

3. FINNER'S COURT, OLD BROAD STREET, CITY.

1. FINNER'S COURT, OLD BROAD STREET, CITY.

1. FINNER'S COURT, OLD BROAD STREET, CITY.

1. R. JOHN R. PIKE, in acknowledging the liberal support he has received since commencing business as MiNING and SHAREBROKER, begs to inform his friends that he has, for the greater facility of business, REMOVED to the above address, where he will continue the strictest attention to all business confided to him, whether in the purchase or sale of mining shares.

1. Mr. J. R. Pike issues daily, when applied for, a List of transactions in the Mining Exchange, and he pledges himself to do business at a moderate rate of commission, and in all cases to carefully study the interests of his clients.—Friday, Oct. 2, 1857, p.

WILLIAM MARLBOROUGH, MINING AGENT, (For many years with Mr. T. P. Thomas), 57, OLD BROAD STREET, LONDON.

MR. WILLIAM MOORE, STOCK AND SHAREDEALER,
11, HERCULES CHAMBERS, OLD BROAD STREET.
N.B. Business transacted in every description of stock and shares.

MR. R. TREDINNICK, BROKER AND GENERAL DEALER,
GRESHAM HOUSE, OLD BROAD STREET, LONDON.

MINING OFFICES.-Mr. T. CARTHEW, ST. CLARE STREET, PENEANCE.

MR. FRANCIS R. BILL, CONTRACTOR, AND GENERAL ACCOUNTANT AND AUDITOR.

33, BUCKLERSBURY, LONDON, E.C.

CONTRACTOR for the SUPPLY OF RAILWAY MATERIALS of every description. Estimates prepared, Agencies undertaken. ACCOUNTANTSHIP BUSINESS of all kinds performed under contract, whereby a considerable saving on the usual cost may be effected.

MR. F. LISABÉ, C.E., CONSULTING MINING ENGINEER, OFFICE, 2, DAME STREET, DUBLIN.
Mr. LISABE, may be CONSULTED personally, or by letter. His long experience in Ireland will be found useful to capitalists desirous of investing money in mining and other speculations in that country.

MR. H. HUXHAM, COLLIERY VIEWER AND MINING ENGINEER, having resigned the management of Cwmasaerbren Colliery, is NOW OPEN to PROFESSIONAL ENGAGEMENTS; and begs to assure those who may favour him with their commands that all biseless entrusted to his charge shall receive prompt attention, and be executed with the utmost fidelity and care. References and testimonials of the highest character can be produced. Terms moderate. AN IN-DOOR ARTICLED PUPIL WANTED. He would have first-rate opportunities of attaining a thorough knowledge of practical and theoretical mining engineering, in all its branches.—Font-y-pridd.

WEST SHARP TOR MINE.—WANTED, ONE SHARE in this MINE, in EXCHANGE for a FEW in WEST CRINNIS.—Apply to "O. E.,"

Mining Journal office, 26, Fleet-street, London.

NGLO-AUSTRALIAN GOLD MINING COMPANY,—
The ADVERTISER is open to PURCHASE the SHARES of this company,—
ress, "A. B.," 17, Doughty-street, Mecklenburg-square.

TO SULPHATE OF BARYTES MINE PROPRIETORS.—
Mesers. A. FORSTER and CO., of the UNION MINERAL WORKS, BRENT-FORD, MIDDLESEX, are PURCHASERS of a FIRST QUALITY ARTICLE, in the crude or rough state, delivered in the Biver Thames. Applications to be addressed to their works at Brentford.—London, Aug. 27, 1857.

£100,000 TO INVEST ON MORTGAGE OF MINERAL PROPERTY of ample value.—Apply to Mr. Wm. Welliams, 16, Dock-street, Newport, Monmouthshire.

TO BE DISPOSED OF, a LEAD MINE, in the centre of a mineral district in WALES. The sett is very extensive, covering no less agree of land, intersected throughout with a large number of loses, contest of ore, blende, &c. There are created on the mine a good water-whiest, etressing-disors, black-miths' and expeniers' shops, office, &c.—For further pare, puly to "A.B.," at Mr. Rey land Kvane, grocer, Aberystwith.

Lars, apply to "A. B.," at Mr. Rowland Kvans, gross, Assryateviti.

VALUABLE COPPER MINE ON SALE.—TO BE SOLD, a well-known MiNE, called the ROYLEDGE COPPER MINE, situate in the parish of Alstondeld, in the county of Stafford. It is about saven relice south-case from the town of Leek, and close to the famed Eston Mine, belonging to the Daire of Doronshire, which has returned a clear profit of upwards of one inilition sterling The license is granted for a period of 22 years from the 3d of July, 1833, at a royality of one-tenth part, in value or kind, at the option of the lessor, and correct the right to make pits, shafts, and levels, and to search for lodes and veins of copper, lead, the and other minera:, through the lands forming the Royledge estate, containing discover or thereabouts. The mine has been but alightly worked by the present owners, he unfinient has been done to show that, with judicious management and a reasonable expenditure of capital, a most important and highly remainerative property may be created. The opinions of competent and well-experienced uniners have likes taken where the staff of the property of enlarging the workings of the mine, and the report that on energetic and systematic process of mining wind result is yery large profits to any proprietary who would go into the work with spisit. I Cupies of these reports can be seen on application. The present proprietar are disposed to sell their entire interest in the lease; or some of them will not object to join he she formation of a company, under the Limited Liability Act, for the purpose of developing and thoroughly working this valuable property.—Further particulars may be had on application to Messra. Caosslav and Sublow, 24, Geoper-street, Manchester.

RAILWAY, MINERAL, AND OTHER WAGONS, ON HIRE Apply to the LANGASHINE WAGON COSEANY (Limited), Bury. WANTED, AT ALL TIMES, ASH METAL BRASS, and ASH METAL LEAD, at 10, CABRICK STREET, GLASSOW.

VICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, MILL STREET, BROAD STREET, BREMINGHAM .-STEPHEN HANKER begs to inform the Trade that the has the following articles for wife:—BEFINED METALLIC NICKILL | OXIDA OF COHALT. WIRE, 40. REFINED METALLIC BISMUTH. | ORBINAN SILVER. IN INGOTS, SHEET, SHOREL AND COSALT OUTS SURGER, SHEET,

THE MIDLAND IRON COMPANY, ROTHERHAM, YORK-SHIRE, MANUFACTURERS OF BAILWAY THES AND AXLES FOR LOCOMOTIVE ENGINES, CARRIAGE AND WAGON WHERES. From the tests to which this from has been submitted by engineers and railway companies during award parts, its superior quality has been generally asknowledged, and can be unchested as the submitted of the

RIVER TAMAR COPPER MINING COMPANY (LIMITED). Capital £10,000, in 10,000 charms of £1 each.—Deposit 5s. per share. With power to increases. Calls not to sxcood 5s., at intervals of not less than six months. OFFICES,—10a, KING'S ARMS YARD, MOORGATE STREET.

OFFICES,—10a, RING'S ARMS TARD, MOORGATE STREET.

River Tamar Copper Mining Company has purchased the sett hitherto known Scott. Devon Great Qonesis Mine, under which appellation it has been prosefur upwards of four years last past, with the greatest vigour and judgment, mine is situate in a stratum of grantie and kills, the former being exactly to the grantis which yielded such great results at Gunnis Lake; and the latter in every respect like that which has yielded such unprecedented roturns at the Devon. The presence and junction of these two formations are highly favouring good deposits of sopper, and the mine is traversed by gross-courses, which to be necessary to the development of preditable copper mines. The character lode at the shaft is wider than the general ran of grantic lodes, which is also a sing feature, and it runs nearly vertical, which is also a further advantage, in a found in the lode as low as the 58, a good indication of a deep and profitaine; and, lastly, the kind of copper one which is found in this lode is of the transition of the present time a discovery of a renumerative deposit may be made at any labeling the phase according to the arbitrage form. According to the articles of the present time a discovery of a renumerative deposit may be made at any

nst. plications for shares, according to the subjoined form, accompanied by the pt of the bankers of the company for a deposit of 5s. per share on the number of swapplied for, may be made at the offices of the company, and all applications, mare adventurers in the Scath Devon Great Consols Mining Company will have

To the Directors of the River Tamar Copper Mining Company (Limited).

Offices, 16 A, King's Arms-yard, Moorgate-street.

Offices, 16 A, King's Arms-yard, Moorgate-street,

and to be seen to require a same, or any less number which you may allot me,
and to execute the Articles of Association of the company when required; and on
allure so to do, I consent to forfeit the deposit of 5s. per share now made with the
sankers of the company.

Dated this day of
(State if an adventurer in the South Devon Great Consols Mining Company, and
the numbers of the scrip certificate held).

CHEMICAL LABORATORY AND ASSAY OFFICE, 1, OXFORD COURT, CANNON STREET, LONDON, E.C. 1, OXFORD COURT, CANNON STREET, LONDON, E.C. 1, OXFORD COURT, CANNON STREET, LONDON, E.C. 2, OXFORD COURT OF COURT OF

SSAY OFFICE AND LABORATORIES,
DUNNING'S ALLEY, BISHOPSGATE STREET WITHOUT, LONDON.
ducted by John Mitokell, F.C.S., Author of "Manual of Practical Assaying,"
Metallurgical Papera, &c.
ssays and Analyses of every description performed as usual. Special Instruction
tessying and Analysis. Consultations in every branch of Metallurgical and Maacturing Chemistry. Assistance rendered to intending Patentees, &c.
For amount of fees, apply to the office, as above.

TOTAINGHOLD OF THE PARTY OF THE PARTY OF THE PURPOSES.—BARLOW and CO. continue to PEEPARE DRAWINGS OF REPARE DRAWINGS OF REPARE DRAWINGS OF REPARE DRAWINGS OF THE PROPERTY OF

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HOLLOWAY'S ORNTHENT AND PILLS—INCREDIBLE CURE OF BAD LEGS OF 17 TEARS TRANSING.—James Mash, Thursted Farm, three miles from Chatham, was afflicted for 17 years with inveserate sore legs; there were 18 wounds in them; he was in 8t. Thomas's and Gay's Hospitais nearly seven months. All the surgeons concerning that amputation was the only thing likely to save him—this was too great a scariface; therefore be commenced using Holloway's Osintmeat and Pilis, which healed all the wounds in a short time, and restored him to perfect health.—Soid by all medicine vendors throughout the world, at Prof. Holloway's establishments, 244, Strand, London; and 50, Maiden-lane, New York; by A. Stamps, Constantinopie; A. Guidley, Smyrms; and E. Muir, Maits.

MINING IN IRELAND.

I alluded briefly in my sketch last week to some of the mines of copper and lead in the county of Cork, and if you will kindly favour me with a and lead in the county of Cork, and If you will kindly favour me with a corner in the next Number of your valuable Journal, for a few more remarks on "Irish mines," I shall be much obliged. The peninsula of Meintarvarra, from Carrigbine to the Sheep's Head, is about 30 miles in length, and divides the beautiful bays of Bantry and Dunmanus. Near Bantry there are several valuable lead mines, which, however, for reasons I stated last week, have nere been worked but 6 or 8 ms. deep from surface. About four miles west of the lead mines, and on the south shore of Bantry Bay, where viesels of any sunnage can be alouded, some valuable slatequarries have been partially opened, but which, from want of judicious management, have not been turned to profitable account. I have recently seen asmiples from these quarries exposed to every kind of test, and they were pronouseed by some of the best authorities in England as being equal in texture, colour, and durability, to the best slate in England and Wales. A friend of mine is about to work these quarries on a large scale, and as they are so favourably situated, I have no doubt but he will realise an ample return upon the carbital he invests.

equal in texture, colour, and durability, to the one large scale, and as they are so farfriend of mine is about to work these quarries on a large scale, and as they are so farfriend of mine is about to work these quarries on a large scale, and as they are so farfriend of mine is about to work these quarries on a large scale, and as they are so fastery Bay. If you proceed six or eight miles further west on the south shore of Bantry Bay you arrive at a place called Kilerohane, where I think there are to be found some of the best copper mines in Iraland. There are to be seen several east and west lodes and caunters, which are compased of gossan, quarts, mundie, and yellow copper ore. The Kilerohane Mountain rises from the shore of Bantry Bay to the height of 1300 ft., and as the lodes crop out in the cliffs, they can be worked by means of adit levels to a great extent without the aid of machinery. I often ask myself the question, Why is it that such valuable mineral properties are allowed to remain untouched? and why is it that such valuable mineral properties are allowed to remain untouched? and why is it that sught when they may find it at home, and when in 24 hours from London they may see for themselves how and in what manner their capital is being expended? Is the English capitalist afraid to trust his life or property in Ireland? Let the Incumbered Estates Commissioners answer the question. Let the English and Scotch gentlemen who have purchased properties in Ireland answer the question, and they will tell you that Ireland presents the grandest field for enterprise and the shows fade investment of capital of any other country in the world; and, to make use of an "Hibernicism," Old Ireland is a new country.

The extreme point of the peninsula of Meintarvarra, which jute out into the Atlantie, is known as the Sheep's Head. Near this spot, I remember some years ago to have seen an attempt made to work a copper mine; it is a very wild and remantie spot. An add level was driven hindred from the base of the cliff

acomoned, and masever since remained idle. Why will people go to Spain, Fortugal, South America, California, and other places, in search of mines, when they may find them at home?

If you take a boat from Sheep's Head, and pull across Bantry Bay (and a delightful trip it is), to Castletown, Berehaven, and then cross the mountain ridge, you descend to the Berchaven Copper Mine, which is situate on the south shore of Kenare Bay; but having alluded to this celebrated mine last week, we will now proceed a little further east, by the side of this beautiful bay, and we soon reach the Kenamer, or "Roughty Valley." In this valley we find a channel of mountain timestone, which varies in breadth from a ½ to 1 mile, and extends in length about 16 miles. In this limestone formation several valuable silver-lead mines have been found, and a short time ago I was shown a spot where the lode crops out at surface, which is over 4 feet wide, and contains fine gossan, blende, carbonate of lime, and large lumps of solid silver-lead ore. In and near the junction of the clay-slates and limestone are found some good copper mines, in reference to which I think I cannot do better than copy the following remarks from a pamphlet recently published on this interesting valley, by the Rev. S. Haughton, Proissor of Geology in the University of Trinity College, Dublin:—

"The lodes just described are the principal ones hitherto discovered in the Kenmare Valley, and none of them have yet been worked on a scale sufficient to develope their resources. Of these lodes, four are copper and three lead; the copper courring two at the northern and two at the southern junctions of the lower carboniferous limestone, while the copper lodes occur in the underlying calcareous slates. It is worthy of remarky in speculating on the position of these copper lodes, that they occur in the same geological position as some of the best lodes in Ireland; for instance, the land lodes are confined exclusively to the limestone, while the copper lodes occur in the underl

LADY BERTHA MINING COMPANY.

The general meeting of shareholders was he'd at the offices of the company, Great. Helen's, on Monday,—Mr. J. F. WILLIAMS in the chair.

The general mesting of shareholders was held at the offices of the company, Great St. Helen's, on Monday,—Mr. J. F. Williams in the chair.

Mr. Lavinorox (the secretary) read the notice convening the meeting, and a statement of accounts, from which the subjoined is condensed:—
Total of receipts and expenditure, 1285, 5s. 8d.—Mine cost, June, July, and Aug., 6801. 141. 2d.; merchante' bills, &c., 5174. 12s. 5d.: leaving balance at banker's, 1981. 19s.
In the account of assets and liabilities, the accounts showed—Estimated cost for the next three months, 600f.; damages, &c., 246f. 7s.—S46f. 7s.—Cash at banker's, 1986. 19s.; arrears of call, 1984. 11s. 6d.; due for carriage, 224. 14s. 14d.; copper ore sold, 1804.: leaving balance against adventurers, 428f. 1s. 7d.
Capt. Mayning's engine-shaft is sunk to a 30 fm. level in killas, and to the south of the lode, which is occasioned by the lode taking a northerly dip about the 20. I may here remark, in this district the lode-generally turn out very productive when they make such turns. A cross-cut is driven towards the lode at the 30 about 7 feet, in which we have small branches of ore; the ground in the present end is very congenial for copper, being composed of white killas, with prian joints, and a little spar, there is also a little water coxing from the end; driving by six men, at 104, per fm. The road for the drawing-machine, dividing, and casing is completed to the 30. The 26 has been driven west since last meeting 3 fms. 3 ft. 6 in, making a total distance from shaft 33 fms. 1 ft.; the lode has much improved since that time, and produced for a short distance 1 and 3 tons per fms. The end now is exceedingly kindly, producing good stones of ore, with mundic, quartz, and peach. We have from 40 to 50 fathoms more to drive before we reach the western boundary; driving by four men, at 64, per fm. The castern end in the 20 has been driven seat of Moyle's shaft 8 fms. 0 ft. 3 in: total distance from shaft 28 fms.; it loads in this send has been very much live of the pr

At a meeting of the committee of management, held subsequently to the general meeting, it was resolved that all shares in arrear of calls be forfeited, in accordance with the list rule of the cost-book, and that a special general meeting be called for Oct. 26, to confirm the same, unless such calls are previously paid.

TAMAR SILVER-LEAD MINING COMPANY,

The annual general meeting of proprietors was held at the offices of the on Monday, Mr. W. J. Dunspond in the chair. on Monday, Mr. Grores

on (the secretary) read the notice convening the meeting, and the min which were confirmed. Int of accounts was exhibited, from which the subjoined is condense

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Leaving balance against adventurers

• I have just been informed that the royalty of this property, extending over 4000 serse, has been purchased by a worthy and influential party in London.

within a faw fms. of the boundary. The operations during the past quarter consist of preparations for and sinking of the engine-shaft, driving south at the 215, and north and seath at the 205, posting is a new drawing lift at the bettom level, new plunger bettom examples at the 205, new plunger lift complete with the exception of top deorphics at the 125, and behave beh complete with the exception of top deorphics at the 125, new balance beh complete with the exception of top deorphics at the 125, new balance beh complete with the exception of top deorphics at the 125, new balance beh complete with the exception of top deorphics at the 125, new balance beh complete with the state of the 15 m. I well and new plunger lift complete, with exception of top door-piece, at the 65 fm. I well mine), and which we propose doing before the winter set in. We shall have to stop our eagle for this purpose, and it will normewhat interfere with our drawing and dressing. The only inconvenience, however, will be a delay of a few days in the next sampling but one. The late increase of 10 tone per month will be maintained for two or three months longer, after which, and when the 206 endager further extended, we hope to make an additional is or 10 tone per month; our reserves will, at the same time, be augmenting, and the mine consequently become in a moor sound and healthy easies than for sone years past. The penent returns will lature wome profit, and when the new work recently required shall be paid for the cost will be less, and the profit increase to the same extent. We do not anticipate making any particular alteration in the underground labour cost, the reduction will be in the bill for materials, principally in coals and timber. We have completely succeeded in our endeavours to supersede the use of whim rope, which used to cost at least 1600, per month, we now make our own chain, and have not had a single breakage with it. The engine-shaft is being sunk by eight neen, at 234, per fm. The 215 is extending southward, and the i

STAN, THOMAS POOT.

The CHAIRMAN said, the report was so elaborate, and he considered so excellent, that he had very little to add to it. They could now see their way quite clear to make a monthly profit, and pay the balance against the mine without making a ceil, as they had taken a turn, and in a short time would rub off the debt. They had been waiting and working for the run of ore ground, and should not have sunk under the 205 if they had not seen their way clear. It was rather singular that they should get such a bad price for their orce, as the assays were from 16.6 to 17.6.

Mr. COATS said, they had more orces in reserve than for some years past.

The CHAIRMAN was glad to say that such was the fact.

The report and accounts were then unanimously adopted, and a vote of thanks to the Chairman terminated the proceedings.

CORNISH MINE PHOTOGRAPHS-No. XVI. "THE TRIUMPH."

Pride is a principle of our nature, that either becomes a vice or a virtue in its possessor, according to the cultivation it receives. If it be allowed to grow unchecked, it bears the evil of vanity, but by proper restraint it blossoms with the cardinal virtue of self-confidence; the one prompts to heroic deeds and great accomplishments, the other to egotism and eggregious follies. A remarkable instance of the just application of this priniple lately fell under our notice, on a visit to the Copper Ticketing held at Pool, on Thursday, Oct. 1 inst., where a "triumph" was achieved, by the captain of West Seton Mine filling the chair on that occasion for the first time. True, he was a proud man, and had the manliness to acknowledge it; in doing so, he enunciated so many truths and most excellent mining maxims, that we think a "Photograph" of the entire meeting will be appropriate to our series.

It will be unprecessary to say more of the ticketing than that it is a most

it; in doing so, he enunciated so many truths and most excellent mining maxims, that we think a "Photograph" of the entire meeting will be appropriate to our series.

It will be unnecessary to say more of the ticketing than that it is a meeting at which the parcels of ores from the mines are tendered for by ticket, the agents of the smelting and mining companies being present. A large amount of business is transacted, generally about 25,000. After the business of the day, a splendid dinner is enjoyed by the parties in attendance, wholly composed of the agents of the companies, invited guests, and "strangers," by which term is understood gentlemen non-resident in the counties of Devon and Cornwall, who are always welcome. The representative of the mine selling the largest quantity of ore takes the chair: as such is a good reason for rejoicing at any time, the mine first doing so is generally hailed with acclamation, and "heading the list" is complimented by a present from the adventurers of a round or two of champagne, which on this occasion was liberally afforded by West Seton; well could they afford it, their parcel of ore being 502 tons, and the amount realised 3806l. 2a. 6d. Being in the neighbourhood on a tour of mine inspection, we received a politic invitation, which we, of course, accepted. After the canclusion of the business of the day, and the cloth being drawn, about 30 or 40 gentlemen being present, including two strangers, besides ourselves, the prospects of the various mining interests, the prices for copper and tin ores, the improvements in machinery, the various modes of dressing, the dues of landlords, &c., were freely discussed, as well as a handsome dessert and ample supply of wine, under the influences of which, and the presence of so much ability, a conversation mutually beneficial and instructive was enjoyed by all for two or three hours. These meetings taking place almost weekly by the agents of the different districts (for all mines are not able to sell ores regularly every month), creat

of mining. We were really delighted to be recognised, even at this western ticketing, by "est country captains." This fusion of districts must and does tend to good.

After the loyal toasts, "Lords of mines," "Fish, tin, and copper," came "Success to West Scton." The Chairman then rose and recorded a series of facts it is the object of our paper to record, for the benefit of wavering, timid shareholders, therefore for mining generally. He commenced by saying he felt proud that day, for he had achieved a "triumph," the object of his hope's fondest aspirations; that was, not for himself, but for his mine, on the adventurers' account, to be placed in so honourable a position as to occupy that chair, and be at the "head of the list." He could assure them it had not been achieved but by long and anxious perseverance, and a determination to overcome all difficulties, by which they had triumphed. They had been upwards of 14 years in accomplishing it, but having at last reached the goal of their desires, he must acknowledge, even to himself, they and he had reasons to be proud. He said they individually afforded instruction to adventurers who were not at once prosperous not to despair; had they done so in their earlier day, during their period of trial (for such they had), their splendid mine, now at the head of the list, would have been lost to them; that they by perseverance were now in a position to repay all anxieties, and to fulfil their most anguine expectations. Mining, he thought, had been improperly represented, by parties holding out hopes of immediate returns which were seldom if ever verified; but if perseverance such as they had in them were carried out, disappointment seldom occurred. He quoted a few statistics of that day's proceedings, which he thought would be of some value, if generally known; they had that day sold 3935 tons of copper ore, the produce of 23 mines, for the sum of 25,0331. 14s., out of which no less than 12,0001. to 14,0001. would go as profit into the hands of the adventurers, a resul

"Better prices, and a better standard," and numerous others toasts, having been honoured and replied to by gentlemen present, that of "Stranget" was cordially received; on which they atated their thorough appreciation of the compliment. Having been over some of the mines during the last few days, they could not resist the temptation of being present to witnes the most pleasing termination of the routine of mining procedure—the sale of the ores, and the meeting of so many gentlemen of such sterling worth and ability. They could assure them they should leave Oornwall with very different impressions of its mines and miners than they had previously entertained; everywhere had they witnessed the utmost attention from the lowest individual employed, and had admired some most astonishing efforts of human ingenuity and industry,—they had seen everything to admire and nothing to condemn. That the observation of the Chairman was just—without perseverance nothing could be successful. They thanked all present, but more particularly the Chairman, for his valuable and excellent speech, and to assure them, though they had travelled thousands of miles, and only just returned from Australia, they had seen nothing to give them more sincere pleasure than their visit to Cornwall and its mines. We should not omit to state, that we felt pride on being recognised as the author of these papers, which were stated to have afforded much gratification and ammement to the readers of the Mining Journal,—that they were calculated to do, and had done, much good, by representing Cornish character and ability as they existed; and was requested to continue the series, which would undoubtedly still further assist in the great work. We expressed our thanks, on behalf of the proprietors of the Mining Journal, assuring the company it was their anxious wish to the series.

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REVIEW OF BRITISH MINING FOR THE QUARTER ENDING SEPTEMBER 30, 1857.

At the commencement of the past quarter, the downward tendency of the metals produced a discouraging feeling with respect to mining property; while this cause was but temporary, the dearness of money and the general flatness of business usual during the autumn months counteracted that favourable reaction which might otherwise have been reasonably expected. It may be noticed also that when the prices of copper an tin ores fell considerably a few months ago, some of the principal com-panies kept back their supplies, which, of course, still further diminished the profits for a time. During the quarter the dividends paid have amounted

the profits for a time. During the quarter the dividends paid have amounted to 108,690L, against 122,173L in the provious quarter, and 110,472L in the corresponding quarter of 1856. In the first nine months of 1857 the total dividends paid amount to 360,837L, against 333,564L in the first nine months of 1856, being an increase of 27,273L.

At the sale of copper cres in Cornwall on July 2, the average produce was 6½, and the price per ton 5L. 17s., or 17s. 7½L per unit; on July 30, the same produce realised 6L 4s. 6d. per ton, or 18s. 9½L per unit; and on Aug. 27 it rose to 6L 17s. 6d. per ton, or 1L 0s. 9½ per unit, being a rise of 1L 0s. 6d. per ton of ore in two months. On Sept. 10, ore of the produce of 6½ realised 6L 17s. per ton, or 1L 1s. ½L per unit, since which the price has fallen a little; on Sept. 24, 6½ produce fetching 6L 12s. 6d. per ton, or 1L 0s. 4½L per unit. The average price per unit for the quarter has been 19s. 7½L, against 19s. 7½. in the previous quarter, and 17s. 2½L in the corresponding quarter of 1856. Copper has been raised since last review from 117L to 124L 10s., which was then anticipated by the writer.

The following are particulars of the sales of copper ores in Cornwall:—

Quar, ending-	Tons.	A	v. Pro	d.	Amou	nt.	*(1	offen)	Av.	pri	ee.	F	ine o	op.
Sept. 30, 1857	45,676	*****	6-410		£287,782	5	6	*****	26	6	0	*****	2941	1)
June 30, "	50,972	*****	6-258	*****	311,817	2	6	*****	6	2	4	*****	3188	1
Mar. 31, **	49,755		6-324	*****	349,124	12	6	*****	7	0	4	*****	3152	1
Sept. 30, 1856	49,636	*****	6-976	*****	299,273	16	0	*****	6	0	. 7	*****	3455	1
June 30, 🕠	54,273		6.311	******	308,633	18	0	*****	5	13	8	******	3427	1
Mar. 31, ,,	53,934		6-202	*****	817,837	17	6		5	17	8	*****	3358	1

These figures show that in the past quarter the quantity of ore has decreased 5296 tons under the previous quarter, and 3960 tons under the corresponding quarter of 1856. The average produce has increased 01850 ever the previous quarter, and decreased 0.560 under 1856; the amount has decreased 24,064. 17s. under the previous quarter, and 11,491. 10s. 6d. under 1856; the average price per ton has increased 3s. 8d. over the previous quarter, and 5s. 5d. over 1856; and the quantity of fine copper has decreased 246 tons 16 cwts. under the previous quarter, and 514 tons 7 cwts. under 1856.

It seems, therefore, that there is a falling off in the quantity of ore sent to market, which has, no doubt, been in a great measure owing to some of the principal mines lessening their supplies, while the price received was low; still, it will be observed that while the average produce, or richness, of the ore is more than \$\frac{1}{2}\$ per cent. lower than that of the corresponding quarter of 1856, the average price per ton is 5s. 5d. higher. The quantity of fine copper naturally shows a considerable diminution.

The following are the totals and averages for the nine months of 1857

The following are the totals and averages for the nine months of 1857

and 1856 resp	pectivel	y:-	Land I	12 10 10 m				1			alt to up	
Nine months of	Tons.	Av. Prod.	7 100	Amou	int.		3.00	AT.	price	0.	Fine ec	op.
1857	146,403	6-329 .	1	6918,754	0	6	******	£8	9	7 .		
1856	157,943	6.483 .	*****	925,235	11	6		5	17	2 .	10242	0
Increase, 185	-	die of the	1	€ 23,518	9	0	har	-	12	5	-	_
Decrease, 185	7 11,440	0.154				T.			_		959	5

From this it appears that, in the past nine months, the mines of Cornwall and Devon have supplied about 100,000% worth of copper less than in the corresponding period of 1856; while it may be stated that the first nine months of 1856 yielded about the same amount more than in the corresponding period of 1855.

The sales of Irish and English copper ores at Swansea, for the nine months of 1857 and 1856, have been as follows:—

first nine months of		Tons.		Amou	mt.		
1857 Irish	*************	6644	*****************************	£76 786		0	118
1856 ditto	************	9393	***************************************	90,399	18	6	
1857 English	****************	141	****************	1,772		6	
1856— ditto		224		1,446	17	6	

In last Review, the writer referred to the Board of Trade Returns for the first five months of the year, showing that they gave no indication of the necessity for a material fall in the price of copper, and he can now quote the Returns for the month and eight months ending Aug. 31 last with still more satisfaction. The exportations of British and Irish produce have been as follows:—

COPPE	R OF A	LL SORTS.	
Aug. 31, 1657	2790 1753 1090	1856	13,878
The principal increase has been States. The importations of the	is met	e British East Indies and the al have been— ND REGULUS.	United
Month ending-	7736 7430 7066	Eight months ending— Aug. 31, 1857 , 1856 , 1855	he no-

COPPER, UNWROUGHT AND PART WROUGHT. SA.

or one year:-	the service of the large part of the leading period in the
LEAD AND LEAD O	RE OF ALL SORTS.
minta ending-	Eight months ending- Tons.
2746	Aug. 31, 1857 22,363
37 1856 3349	1856 18,159
. 1855 2546	1955 10 797
The importations of Lead have be	
Aug. 31, 1857	Eight months ending - Tone
,, 1856	Aug. 31, 1857
1855	1856 5724

During 1856, and the early part of this year, tin rose to an unusually high price, which enabled mines of that metal to give results more favourable than they would otherwise have done. In 1856, at least eight tin mines paid dividends which had not done so in 1865, and others were enabled to meet their expenditure which could not have done so under the

Ост. 10, 1857.]	THE MINING JOURNAL.
and facts as they could obtain them. That as these papers appeared so	erdinary prices. About three months ago a reduction in price took place, the effect of which soon made its appearance in the secounts of several concerns, but the sales of Banca tin having gone off at increased rates caused an immediate reaction, which has since been maintained. The exportations of tin have been— TIN, UNWROUGHT. Month ending— Tons. Eight months ending— Tons. Aug. 31, 1857. 1855. 166 1855. 167 TIN-PLATES. Month ending— Declared value. Eight months ending— Declared value. Eight months ending— Declared value. Eight months ending— Tons. Aug. 31, 1857. 1855. 105,018 The importations have been— TIN IN BLOCKS, &c. Month ending— Tons. Aug. 31, 1857. 1856. 273 1856. 1856. 1856. 1856. The exportations of Foreign and Colonial Tin have been— Month ending— Tons. Aug. 31, 1857. 273 Aug. 31, 1857. The exportations of Foreign and Colonial Tin have been— Month ending— Tons. Aug. 31, 1857. Tons. Light months ending— Tons. Aug. 31, 1857. 273 Aug. 31, 1857. 274 275 276 277 278 278 278 278 279 279 270 270 271 272 273 273 274 275 275 276 277 277 277 278 278 278 278

The accompanying table shows that in the past quarter the sum of 108,690% has been divided, and 360,837% in the first nine months of the

The latter may be thus analysed:— English mines Irish mines Welsh mines Liele of man	£309,557 29,125 11,195 10,960	0	0 0 0	
Total	£360,837	0	0	
Copper	£249,024 49,482 34,404 27,927	0000	0	
Total		0	0	

During the quarter Herodsfoot, Rhoswydol, and Sorridge Consols have resumed dividends, and Craddock Moor and Rast Palmouth have paid for the first time—making, with Collecombe, Great South Tolgus, Grambler and St. Aubyn, St. Day United, and Wendron Consols, asven mines which have entered the Dividend List this year up to the present time. Some more of the progressive mines are approaching a dividend state—an investment in which at present would, no doubt, pay well in a comparatively short time.

For some years past, it has been remarked that more business has been done in mine shares in the last quarter of the year than in any other; and there are signs of this being the case in the present year, at the end of which the writer hopes and expects to show results even more satisfactory than those of 1856:—

DIVIDENDS PAID BY BRITISH AND IRISH MINES IN THE QUARTER AND NINE MONTHS ENDING SEPTEMBER 30, 1857.

Divs. paid in six Divs. paid in three Total divs. paid in

Shares	Name of Mine.	m Ju	onths, me 30	ending 1857.	months Sept. 30	ending , 1857.		hs, end- 30,1857.
	continue to a	Per	share	Amnt.	Per share	Amnt.	Per share	Amnt.
5120	Alfred Consols		13 0	£8449	£0 8 0	£2048	£1 1 0	£10496
4000	Bedford United	0	12 6	2500	0 6 0	1200	0 18 6	3700
200	Botallack	20	0.0	4000	5 0 0	1000	25 0 0	5000
240	Boscean	6	0 0	1440	3 0 0	720	9 0 0	2160
1200	Brighteide	0	20	120	0 20	120	0 4 0	240
1000	Carn Brea	4	0.0	4000	-	-	4 0 0	4000
2000	Collacombe	1	0.0	2000	0 17 0	1700	1 17 0	3700
256	Condurrow	10	0 0	2580			10 0 0	2560
1055	Craddock Moor				0 50	264	0 50	264
128	Cwmystwith	10	0 0	1280	.5 00	640	15 0 0	1920
1024	Deven Great Consols	40	0 0	40950	19 0 0	19456	9 4 6	60416 2880
12800	Drake Walls	20	26	3580	8 0 0	1280	28 0 0	5012
179	Doleonth		0 0	2800	0 00		10 0 0	2800
280 672	Derwent	10		672	-	-	1 0 0	672
2043	Ding Dong	1	00	012	0 2 6	256	0 2 6	256
1409	East Palmouth	3	00	4200	2 0 0	2800	5 0 0	7000
5700	Exmouth and Adams.	0	5 0	1425	0 96	2707	0 14 6	4132
300	East Daren	9	0 0	2700	6 0 0	900	12 0 0	3600
128	East Pool	15	0.0	1920	2 10 0	320	17 10 0	2240
4940	Power Consols	0	6.0	1482	-		0 6 0	1482
2560	Foxdale (Isle of Man)	2	10 0	6400	1 00	2560	3 10 0	8960
243	Grambler & St. Aubyn		0 0	486	2 00	480	4 0 0	972
119	Great Work	7	10 0	892	-	-	7 10 0	892
6000	Great South Tolgus	0	4 0	1200	0 10 0	3000	0 14 0	4200
1024	Herodsfoot		-	-	0 10 0	512	0 10 0	512
2000	Holyford	0	5 0	500	-	-	0.50	500
160	Levant	6	0 0	960	-	-	6 0 0	960
20	Levant	100	0 0	2000	-	-	100 0 0	2000
400	Lisburne	9	0 0	3600	3 0 0	1200	12 0 0	4800
1024	Mary Ann.	4	5 0	4352	2 5 0	2304	6 10 0	6656
5000	Mendip Hills	0	5 0	1250		200	0 50	1250
20:00	Mining Co. of Ireland	0	10 6	10000	0 10 6	10500	1 0 6	20500
6000	North Basset	1 2	15 0	10500	0 10 0	3000	2 5 0	13500 17920
6400 200	Par Consols	20	16 Q	17920 4000	_	-	20 0 0	4000
1000	Phœnix	3	19	3087	1 00	1000	4 1 9	4087
560	Providence	5	0.0	2800	4 00	2240	9 0 0	5040
2500	Providence		-00	2000	0 30	375	0 30	375
512	Rosswarne United	3	10 0	1792	0 50	-	3 10 0	1792
20000	St. Day United	0	1 6	1500	0 10	1000	0 2 6	25 10
94	St. Ives Consols	15	0 0	1410	-	-	15 0 0	1410
12000	Sortridge Consols		-	-	0 26	1500	0 26	1500
496	South Wheal Frances.	80	0 0	14880	14 0 0	6944	44 00	21824
256	south Caradon	30	0 0	7680	16 0 0	4096	46 0 0	11776
256	South Tolgus	8	0 0	2048	3 0 0	768	11 00	2816
6000	Tinteroft	0	10 0	3000		-	0 10 0	3000
4096	Trewetha	0	8 0	614	-	-	0 3 0	614
1040	Trelawny	0	15 0	780	1 00	1040	1 15 0	1820
20000	Vale of Towy	0	0 6	500		-	0 0 6	500
6000	West Basset	1	17 6	11250	1 30	6900	3 0 6	18150
256	West Caradon	7	0 0	1792	4 00	1024	11 00	2816
256	West Damsel	4	0 0	1024	2 0 0	512	6 0 0	1536
1034	West Providence	1	0 0	1024			1 00	11800
400	West Seton	21	0 0	8400	8 00	3200	29 0 0	1924
512	Wendron Consols	24	0 0	512 12288	8 00	512 4096	32 0 0	16384
512	Wheal Basset	37	10 0	4486		38 12	32 10 0	8338
256	Wheal Buller	17		3500	15 0 0	90 12	14 0 0	3500
250				102		-	0 2 0	102
1024	Wheal Grylie Wheal Jane (Ken)	2		1280	-	_	2 10 0	1280
1024	Wheal Kitty (Lelant)			1792	1 00	1024	2 15 0	2816
5000	Wheal Kitty (Lelant). Wheal Kitty (St. Ag.).			750	1 -00	1024	0 30	750
448	Wheal Margaret	9		4032	4 00	1792	13 0 0	5824
80	Wheal Owles	18		1449	5 0 0	400	23 0 0	1840
198	Wheal Seton		10 0	2079	2 00	396	12 10 0	2475
4096	Wheal Wrey	0		1433	0 30	614	0 10 0	2047
5000	Wieklow		12:6	3125	1 00	5000	1 12 6	8125
	and the first termination	1		-	reputation the	-	100 - 10	-
111111	and the state of t	1		352147	1-0-1-	108890		360,837

. This includes 31251. for the Wicklow Mines, omitted in last Review.

DIVIDEND MINES.

nothing particularly new at the mines. The dividends for the first nine months of the year amount to 60,4163, or 302, per share, against 47,1042, or 461, per share, in the first nine months of 1356. The whole sum now divided is 60,0881, or 5377, per share. The shares are quoted 4602, to 4764, per 1034th.

EAST DARIN Continues to make good profits, and has divided 36001, in the first nine months of this year, against 21001, in the first nine months of 1856.

EXMOUTE AND ADARS.—The eastern lode has just been cut in the 60, and is worth ½ too of lead ore per fathom. The 30 morth is producing 1 ton per fm., the 37 north ½ too, and the 38 south ½ too. The 30, morth and south, are worth ½ ton per fathom. The pitches are yielding well, and the mines, which is sgain in full operation, news looked better. In the past quarter for the first nine months of 1856.

FOXDALE.—At the annual meeting, held in August, it was stated that the profits on the year's working amounted to 11,0371. Since then an important discovery has taken place in the 117, west of Beckwith's Mine. In the first nine months of 1856.

FOXDALE.—At the annual meeting, held in August, it was stated that the profits on the year's working amounted to 11,0371. Since then as important discovery has taken place in the 117, west of Beckwith's Mine. In the first nine months of 1856.

FOXDALE.—A 2500, or 31, 102, per share, has been divided, against 10,2404, or 41, per share, in the first nine months of 1856. The whole sum now paid is 137,5947. The shares are about 32, per 2560th, and are considered a good investment. The mines are worked by a company, under the title of "1816 of Man Mining Company, Limited." GRAMMLER AND SY. AUSYN'S indoking bottor. William's shaft, its look work 1020, per fm., for the last 30 fathoms in this level the look has averaged 304, per fm., whereas last months of 1857, 286 tons of copper ore have been sold for each and the ground much better, being new set to be driven at 61, 63, per fm., whereas last months of 1857, 280 tons of copper or

commerce, and the returns of the special content of the special cont

DIVIDEND MINES.

Alfred Consols.—Various reports have been circulated respecting this mine, which have caused considerable fluctuations in the shares, to which this mine appears to be more subject than any other. In January, 1855, the property of the same year, 1856, 174. Considering there are 120 shares, these fluctuations are very great. In 1856, they varied from 144, to 186. In March, this year, they were 224, 10a.; in June, 177.; and since then they fell to 111. 10a., and are now about 111. 10a. and are now about 122, 10a.; in June, 177.; and since then they fell to 111. 10a., and are now about 120. 10a. 111. 10a. and are now about 130 to 150 to 150. The dividends paid in the first nine months of 1856. The total sum now paid is 90,9684, or 176. 12a. bere are 1500. The corresponding quarter of 1856. The dividends paid in the first nine months of 1856. The total sum now paid is 90,9684, or 176. 12a. bere share.

BOTALLOCK continues to do well. Considerable sales of tin are made, and is the past quarter of 1856. The dividends paid in the first nine months of 1856. The total amount of 1744. 18a. in the corresponding quarter of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of 1856. The dividends paid in the first nine months of

Original Carrespundente.

THE CAUSE OF ANIMAL HEAT, &c.

SIR,-It is doubtless beyond dispute that caloric, in the various func tions it assumes, is a primary agent in the mechanism of the universe, and ering and mining skill of man, without its aid, could never have been brought into existence. It is, therefore, of the greatest importance that the chemist, the astronomer, the geologist, the physician, the natural philosopher, the miner, the agriculturist, and the engineer—as far as attainable,—have correct views of the various functions which caloric performs in nature as well as in art. The subject of this letter may, therefore, not be uninteresting to the readers of the Mining Journal; more especially as it is demonstrable, and capable of being shown to be exceedingly simple and beautiful.

It is unnecessary that I should enter into a disquisition of the subject of the absorption of the oxygen of the atmosphere into the blood, or of the chemical affinities constantly going on in the animal frame. These subjects are already pretty well understood, without any additional clucidation being required from me.

The true cause of animal heat appears to me to be clearly owing to the reduction of volume of the oxygen of the atmosphere from the gaseous to the liquid states, as it comes in contact with the blood in its passage through the lungs.

The following experiment will satisfactorily explain why a large amount of caloric must necessarily be forced from gaseous matter when such matter is compressed in volume, and why it, therefore, manifests itself by an evolution of sensible heat:—

Take a hollow cylinder, somewhat like the common syringe, of some bad conductor of heat. have been brought into existence. It is, therefore, of the greatest im-

of caloric must necessarily be forced from gaseous matter when such matter is compressed in volume, and why it, therefore, manifests itself by an evolution of sensible heat:—

Take a hollow cylinder, somewhat like the common syringe, of some bad conductor of heat—of wood or of thick glass—but with this difference, that, instead of one end having an orifice for the ejection of liquid, it must be perfectly closed; it must have a piston like the syringe, also a bad conductor of heat, and which must be made to move in the cylinder perfectly air-tight. Place a bit of tinder, prepared from a linen rag, in the cylinder, then place the piston at the cylinder's mouth, and with a sudden and powerful thrust condense the air in the cylinder: the tinder may thus be made to ignite. It is thus made to appear clear that, by forcing the particles of atmospheric air into closer proximity, the contained caloric will also be condensed, and will, therefore, have a powerful tendency to radiate into the surrounding colder space, to gain an equilibrium of heat.

We may thus reason, a priori, that all gaseous substances, even carbonic acid gas, which extinguishes flame, must necessarily give out heat when condensed. Oxygen gas is undoubtedly condensed in volume many hundreds of times when it assumes the liquid state, by combining with the blood in the lungs; and it must necessarily part with a very large amount of caloric which it held in solution in the gaseous state. We have thus a clear and tangible proof of the cause of animal heat.

It is well known that the product after combustion of our common gas lights is water. Hence, upon the same simple yet beautiful principle the oxygen and hydrogen gases are undoubtedly condensed in volume many hundred times, and that they must, therefore, necessarily part with a large amount of caloric, which they are no longer able to hold in solution in their condensed state as in water; the evolved caloric, therefore, manifests itself by light and heat. If this subject be minutely and unprejudicially

the Engineer; difference of temperature being the principal modus operanas of conversion.

As animal heat is thus clearly shown to be principally generated by the condensation of the oxygen gas of the atmosphere, it is very natural to assume that the arterial blood, flowing from the lungs, must have a higher degree of temperature than venous blood, or blood flowing through the more remote parts of the body. I long entertained this idea, before I saw anything positive on the subject. I saw, however, about three or four years ago, the Manuel de Physiologie, by J. P. Boullaz, in which, at page 109, where speaking of the chemical and physical properties of arterial blood, he states that has a higher temperature, of from one to two degrees. From my theory of the cause of gravitation induced by difference of temperature, I was very naturally led to believe that the difference of temperature above alluded to in the animal frame would cause the caloric, in its tendency, to gain an equilibrium of heat, to assume its electrical func-

its tendency, to gain an equilibrium of heat, to assume its electrical functions, and which would, therefore, constantly form the necessary supply of electricity for the nervous system.

WM. Steevenson. electricity for the nervous system.

Midland-road, Derby, Oct. 3. —

ON EDUCATING THE WORKING CLASSES.

Sm,—Many have been the suggestions made of late as to the best mes

of antifying that want, now beginning to be so universally felt—the want of education among the working clauses and, perhaps we may say, among our working colliers and miners especially. The importance of the sub-ject cannot well be over-rated; it is one in which the interests of not only the parties immediately concerned are involved, but also those of every every educated man throughout the kingdom, from the aristorat not at all connected with commerce, to the cliert toiling at the desk of the merchant and miner proprietor. It ambies the progress of the present age so important a section of society as our work-laters, we shall do lay behind in all the gioraneas and superstition of their characteristic and the progress of the present age so important a section of society as our work-laters, we shall do lay behind in all the gioraneas and superstition of their characteristic and the progress of the present age so important a section of society as our work-laters, we shall do lay behind in all the gioraneas and superstition of their characteristic and the progress of the present age so important a section of society as our work-laters, and that progress with so heavy a load upon our should have denied the infringement in point in of fact, but as they as in the commerce, to the client to the present age as important as extended to the control of the present age as important as extended to the control of the progress of the present age as important as extended to the control of the present age as important as extended to the control of the present age as important as extended to the control of the present age as important as extended to the control of the present age as important as extended to the possible of the present age as important as extended to the control of the present age as important as extended to the control of the present age as important as extended to the control of the present age as important as extended to the control of the control of the present age as important as extended to the control of

cation. In fact we now meet with few manufactories of any importance without their school or schools.

But while we do justice to the good done, and being done by those means, yet all persons who study well the subject must, I think, feel convinced that ualsess another step be taken to complete the work so anspiciously began, the rising generation of step the standard of their age will demand: there will be still a great gap between thom and the class above. Now, not withstanding the great ery raised by narrow-minded sectarians against the intervention of Government in national education, I cannot but think it is a task which somes eminently within its sphere, and that for measures to complete the present system we must look to it. The present system is, with some exceptions, good so far as it goes, but to produce that ameioration in the education of our maces which is called for, it must be greatly expanded, not only as far as it relates to the number of establishments and inspectors, but also to the amount of power intrusted to the latter. If Government be allowed to interfere so much in the management of our families and our works as to prevent children under a certain age from being employed in our mines and factories, I cannot understand that reasoning which would prevent it from taking care that those children are sent to receive instruction in a solowed to decide whether they will send their child to be instructed or not. It is coving to this license that we flast such a number of non-educated children in even those districts best provided with schools, it being classify shown that its children not sent to exhole outsumber greatly those in attendance there. This must be remedied; the whole present system ought to be thoroughly revised and greatly extended, and as the prover's "while the greas grows the horse staves," can nowhere be more justly spletd than here, it behoves our rulers to take immediate steps to complete the work. The pressing affairs of India will now, no doubt, and perhaps justly, reases

favourable parliamentary sessions should have been allowed to pass away without anything having been done in this cause. Regrets for bygones cannot, however, help us; but I trust that the attention of those in whose hands the trus government of our country lies—the intelligent voters of England—will be awakened, and that among the guarantees demanded from their representatives, one requiring them to devote their greatest efforts to the accomplishment of this important end will hold the first place. For the support of our schools no objection would be felt by the bulk of the population in paying an educational tax, inasmuch as they could not fail to see that it would in a few years cause a corresponding reduction in those taxes gathered for the support of our poor and criminal population.

The religious part of the question should not be a stumbling block. Surely the difference between our religious seets is not so great as to render it impossible to provide teachers for our schools who could impart that amount of religious knowledge necessary in a secular school without giving offence to either churchman or methodist. Nothing appears more distant than the day when we shall see secth agree upon the minor points of their doctrines, and if we wait for this we shall wait in vain, and the result will be that instead of being, as at present, in front of the first ranks in the race of nations, we shall find ourselves, through our own apathy and censurable neglect, left far behind.

May we, by at once applying our shoulders to the wheel, and with the blessing of

left far behind.

May we, by at once applying our shoulders to the wheel, and with the blessing of Providence upon our efforts, be enabled to avert this evil, and to succeed not only in keeping old England in her present position, but in rendering her far more prosperous and giorious that now, is the prayer of—

Western St. Cost. 7.

FIRE-DAMP IN MINES.

Sin,—The letter signed "F. G. S.," in your last Journal, is an apt illustration of Pope's couplet, "A little learning is a dangerous thing," &c. If he had read the work he refers to carefully, he would have seen that Mr. Rogers does not refer to a mix-

he refers to carefully, he would have seen that Mr. Rogers does not refer to a mixture of carburetted hydrogen gas, and a sufficiency of air to cause perfect combustion,
but to a mixture of "5 vols. of carburetted hydrogen gas with 40 vols. of air" (see
p. 237). Now, the combinations given in the diagram are the only ones possible,
nelses more oxygen, or a greater volume of air, were present.
Such modes of discussing exact science as "F. G. S." adopts show him to be but
little accustomed to such subjects.
Mr. Rogers gives fairly and fully the data upon which he forms his opinion: if
"F. G. S." an fairly question this authority, then he must show what is the result
of exploding a mixture of 5 vols. of carburetted hydrogen gas and 40 vols. of air.
Such rambling statements as those in the latter referred to are not calculated to
child truth.—Newport, Oct. 8.

EXTRACTING SILVER FROM IRON PYRITES.

Sin,—Having noticed in your valuable Journal of Sept. 19 a process for extracting silver from iron pyrites, and obtaining such extraordinary results, stating 408 ozs. per ton, I should be glad if Mr. Godefroy will inform me if he obtained so large a quantity from a ton of crude common iron pyrites, or is it any particular quality? There are so many patents which profess to do very great things, but they never arrive at any practical results; and there are some that are worthy of the greatest praise. If Mr. Godefroy could prove practically that he can obtain so large a quantity of silver, he might calculate apon obtaining any quantity of the material, as it is as plentiful as coal itself, if not more so, and there are thousands of tons now thrown away. I am aware that esseral parties are obtaining copper and eliver from iron away. I am aware that esseral parties are obtaining copper and eliver from iron away. I am aware that esseral parties are obtaining copper and eliver from iron away. I at a tail prejudiced against new inventions—on the contrary, as I have myself succeeded in many, and obtained good practical results. There never were so many practical as well as scientific men required as at the present time, and the sdage is becoming more true every day that "a little chemistry is a very dangerous thing," Chemical Works, Kennors, Perthakirs, Oct. 5.

JAMES JEPPRINS.

THE IRON TRADE-THE CORT TESTIMONIAL PUND.

THE IRON TRADE—THE CORT TESTIMONIAL PUND.

Siz.—Before I am driven to adopt the Circular for the iron trade, should B. Mansfield Marks not do the amende homowrable, as I proposed in your last Journal, I must trust to your kindness to allow me to refute, without delay, one or two statements in his letter, which otherwise may prove injurious to myself. He asserts that "I sought his assistance." I never crossed the threshold of a single door to seek it. He was, unfortunately, introduced to me by his nephew, Mr. Sydacy Marks, a respectable artist, residing at 38, Charlotte-atreet, Fitzroy-square, while I was giving instructions for engraving a portrait of my late father, as founder of the iron trade of Great Britain. He protends to understand the legal notice of my committee—with the additional signature of Sir William Cubit as one of the original subscribers to the Fund, given in your Journal of Aug. 29 last—as nothing more than a "withdrawai" of his authority to collect abscriptions up to the date of the notice, although that authority had never been confided to him by the committee for one minute; nor by myself since October last—12 months ago.* He next asserts that the Cort Testimonial Fund had only "an airy habitation and name before he took it up;" whereas, nearly 12 months before he first dishonoured it, Her Most Gracious Majesty the Queen, by the kindness of Lord Palmerston, had contributed a donation from the Royal Bounty Fund; and numerous other friends, eminent frommasters, engineers, and dembers of Parliament, had given something more than "an airy habitation and name" in aid of my appeal, signed by themselves to the House of Commons, for a more adequate national compensation for my father's services. Again, he asserts, with equal truth, "that he had to pay all the expenses for the portrait engraved of Heary Cort," whereas they never cost him one farthing; his nephew, alsoostever since on his death bed, blind and ruined in his profession, paying the whole expense, and is now suffering increase they neve

His own admission of dismissal is attested by a near relative.

ON THE TRIAL OF PATENT CAUSES .- No. XIV.

Siz,—In proceeding with my observations on the circumstances of Heath's case ome now to consider the

TRIAL IN THE EXCHEQUER BEFORE BARON PARKS.

Infringement and validity of the patent.

Tall IN THE COMMON FIXAL BEFORE JUSTICE CREWKEL.

The result of this trais was that the judge foit himself bound by the decision of the Court of Exchequer. It appeared to him that as the Court of Exchequer had, "after argument and time taken to consider it," come to the decision above referred to, and that as in respect of the point which they had thus decided, the case before him was "exactly similar," he should be affecting to over-rule their decision if he expressed an opinion on the case, which, said he, "I could hardly venture to do even sitting in Senso, with the assistance of my colleagues." Still it did not follow from this that the individual opinion of the judge coincided with that of the Court of Exchequer; it appeared afterwards to be different. But the ruling of the judge is distinct, and places the judgement of the Court of Exchequer before us in an intelligible light when he says:—"My ruling is simply this, that the use of the ingredients of the oxide of mangances and the carbonceous matter was wor an infringement of the patent, although those ingredients form a carbonret of mangances before it entered into combination with the steal. I mean to adopt, as nearly as I possibly can, the decision of the Court of Exchequer."

I wish to draw attention to the works which I have not in the lates and then mean.

the Court of Exchequer."

I wish to draw attention to the words which I have put in italics, and then merely with more prosp

o remark that the case was carried on a bill of exceptions to a court of error in the Exchequer Chamber, when six judges gave judgment.

But it will not be desirable to enter upon this judgment of the Exchequer Chamber in this letter.

Office for Patents, 50, Chamcery-lane, W.C., Oct. 6.

[ADVERTISEMENT.]

THE ARUNDELL UNITED COPPER MINES.

THE ARUNDELL UNITED COPPER MINES.

Siz,—The report of the adjourned meeting of this company, as contained in your Journal of Oct. 3, has been brought to my notice. From reading it, it would seem that my client, Mr. Vaughan Prance, had agreed to accept \$501, and the sums received by him, which amount to 901. 10s. 4d., in lieu of a demand as solicitor to the above company of 1122. 2s. 5d.

The facts are simply these:—Mr. Prance put in eleven answers for various defendants in the very heavy Chancery sait of Chaffers e. Woolmer, and in September, 1556, was asked to give a rough estimate of what his claim on the company was. He did so, based on the length of Mr. Woolmer's answer, and the result was (estimating the other answers at somewhat less, and for a good ceal of general business for the re-constitution of the company, a busequently, however, the account being made out in the regular way, Mr. Prance's costs against the company, under their retainer, were proved to be \$111. 1s., and were delivered to the company for that amount; and for that sum, as well as some other costs of his againet individual share-holders in the company for business done in the same Chancery suit, after exhausting every possible means of an amicable settlement, by reference and otherwise, Mr. Prance was compelled to sue the chairman and secretary, who have since settled the matter by giving a judge's order for \$300., payable by instalments, Mr. Prance, Mr. Prance, Great Carter-lane, Oct. 8.

TINCROFT MINE, AND ITS MANAGEMENT.

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TINCROFT MINE, AND ITS MANAGEMENT.

Sra,—I find much dissatisfaction exists amongst the Cornish shareholders in this mine, in consequence of the directors not paying regular dividends—the mine having been, and even now is being, srought in a manner enabling them to do so, and is not worked for gambling and share dealing purposes. Having been requested by a distant fellow-shareholder (as I was about to visit Cornwall) to make every enquiry as to the standing capabilities of, and general feeling towards, the mine, I learn if a new shaft were sunk at Martin's east a very considerable saving would be effected; this should have been done long since. Every preparation has been made for sinking the old sump shaft, the machinery is in the most effective order, modern improvements for dressing the tin introduced—in fact, the local management reflects the greatest credit on those who have charge of the mine.

The reason assigned by the charebolders here is, that the directors and London management absorb 5004, annually; that only 35 shares each forming the requisite qualification, and their duties only necessitating a monthly attendance, that sum pays good interest on their outlay for their loss of time, irrespective of dividends, besides the opportunities afforded them of dealing in the shares, they knowing the financial position of the mine, which they are well aware is very different from that of the maine should be made known, that the public may have fair opportunities of purchasing, and enabling those desirous of selling shares to realise fair prices, from which that it is fell they are now devil if the system were copied by many other leading mines. If the mine would be well if the system were copied by many other leading mines. If the mine be in a position to pay dividends, why not do so I appears to be the complaint here, it is fully believed the mine is in circumstances to do so, in which, after the best investigation I could give, I most cordially join.—Oct. 5.

QUEEN OF DART MINE.

QUEEN OF DART MINE.

Six,—It is well known that you have pleasure in disseminating the knowledge of any tests connected with legitimate mising, and I am induced to sak the insertion in your valuable Journal of the facts which are connected with this mine, the meeting of which took place on Monday, and at which I was a spectator. The meeting was held in the bucking-house, around which are now lying heaps of copper blocks from the 20 fm. level, east of sump-shaft—there may be 40 or 50 tons. On examination of the quality, it was quite clear that the mundle, which it is admitted is too pientiful, is beginning to yield to the copper; and we have no doubt we shall find in the 30 that the mastery which is showing itself there will be complete in the 40. The stopes in the 30, east of shaft, are very rich, though not so in the west; but there is no doubt that deeper we shall eatch the shoots from the west.

I heard it said by some experienced miners who were walking over the floors, and who had been brought there by the meeting, that they know of no small mine so complete is all its mechanical adaptations, and, being worked by a fine leat from the Dart, can be so economically carried on.

There was a kind of panie existing a short time ago among the shareholders, that the mine had lost its right to public favour, which was caused, probably, by some shareholders having been unable to pay their calls, as well as from the general gioon which pervaded all mining undertakings. That has been entirely dispersed, for every farthing is now paid up. The works arranged to be done forthwith, such as the sinking of the boundary shaft between the great caunter course and alide, as well as the 20 cast of sump, give the greatest promise when completed.

The meeting separated, having very willingly responded to a call sufficient to pay every debt upon the mine, as well as the provide for the coming three months' cost. The shareholders expressed themselves well astinded with the proceedings of the meeting, which was presided over by Mr.

STRATHALBYN MINING COMPANY.

STRATHALBYN MINING COMPANY.

Sia,—In your Journal of last week, I motice a report of the proceedings at the extraordinary general meeting of this company on Sept. 25. I conclude that this report was furnished to you by the secretary of the company, or by his brother, Mr. Webb, as I observe that the remarks of the latter are given in extense, while the counterstatements of myself and others are so abridged so to leave the public in ignorance of the real merits of the case.

The report likewise omits to say that, although a majority of votes appeared in favour of Mr. Webb's list of directors, this arose from the large number of small holdings, and not from the larger amount of share capital—the fact being, that we had the support of the larger amount of stock.

My principal object now, however, is to correct the misapprehensicn which, I fear, your report must create in the minds of the shareholders—that I and my friend, Mr. Johnston, accepted the seats to which we were elected as directors. I stated publicly at the meeting, and subsequently by note to the Chairman, that I could not six at the board with Mr. Webb and his nominees as my solleagues. Our opinions as to the management differing so widely, I could not, in justice to myself, and as a trustee for others, appear to sanction what I should not have the power of effectually opposing. I can better afford to risk hosing my property than to incur such a responsibility. I believe that Mr. Johnston, in delining to become a director, has acted from the same feelings that I have expressed,—Oct. 8.

P.S. I subjoin a note, showing the extraordinary system of estimating votes, by which it will be apparent that small holders, by combining, may obtain a majority of votes over large shareholders, aithough the latter possess a greater amount of stock:—"Every shareholder shall have one vote for every share held by him up to 10; is shall have an additional vote for every 5 a hares beyond the first 10 up to 100; and an additional vote for every 10 shares held by him up to 10

BRITISH AUSTRALIAN GOLD MINING COMPANY.

BRITISH AUSTRALIAN GOLD MINING COMPANY.

Sir.—Your correspondent from Bath wishes for more particulars regarding the unfortunate failure of our last enterprise, under Mr. George Miner Stephen. I am instructed to say that the explanations given by that gentleman have been most meagre and unsati-factory, without any account of expenditure of the funds entrusted to him. The commissioners selected to control his measures consented to his joining the interests of our company with a joint mining association, which placed our engine upon a quartz reef at Fryer's Creek. Mr. Stephen's first report of working was most promising. He seems to have left to others, appointed by himself, the carrying out this work. Everything fell into confusion, and the commissioners now report that, in their opinion, the place was ill-selected, the constitution of the association lifeformed, and the favourable report first sent entirely failactions. The email remans of the company's capital sent out, under the resolution of the last general meeting, for the support of Mr. Siephen's proposals, has been fruitiessly expended, and nothing now remains but to sell wintever machinery and storce remain there to meet the demands reported to be still in arrear. The commissioners have been requested to carry this into effect, and to close all accounts, as speedily as possible, when a summary of the same will, I presume, be duly published; but as there remain no fund for office rent, or establishment of any kind, my services have of necessity ceased. References to the papers of the company, or for any further information, in the mass time, may be made at this office.

1, King's Arms-yard, Moorgate-street, Oct. 8.

Mr. Crofts sends us the following remarks on the market during the

Mr. Crofts sends us the following remarks on the market during the last fortnight:—

The most pleasant task for a reviewer is to record an animated state of the market, whilst the best ingredient in a reviewer is candour. Since our last remarks, therefore, it is worthy of note that the market has assumed a chequered character, not a little difficult to describe, if, indeed, to describe it does not require more talent that the writer presumes to lay claim to. The business has consisted, especially during the last week, in the buying of only such shares as have the presumption in their favour of being, relatively to former prices, cheap; and thus a tolerably large business has been transacted in a number of mines, of which Alfred Consols, North and West Basset, Lady Bertha, Wheal Harriett, Margery, Ding Dong, and Fendeen, form a part; whilst, with the exception of East Basset, which have had a large rise, the dividend mines, as a mass, have been neglected. It is true that a considerable amount of business is always done, of which the mining market (so-called, and as represented in part by the Mining Exchange) takes no cognisance whatever; and which business, by possibility, forms the chief sum of mining transactions, and simply because the operators are capitalists who seek; permanent investments apart from the excitement of speculation. The ostensible market is now divided into only two classes of operators—those who are masters of the art of "making prices" or "jobbing," as it is eaphonically designated, and those brokers who come into the market simply to buy or sell upon absolute orders. The avocations of these two classes are "far as the pole samader," for whilst the latter class more or less undertake to guide their friends and correspondents in the choice of stocks, the "jobber" deals only upon a data of some faiture rise or depression, the profit or loss undertake to guide their friends and correspondents in the choice of stocks, the "jobber" deals only upon a data of some faiture rise or depression, the

Mr. Lelean communicates the following:

The Share Market has a very lively tons. A great many transactions have taken place in Lady Berths, East Basest, Edward, St. Ives Cousols, and Alfred Consols. The lode in the 120, at Alfred Consols, is reported to be very rich, and consequently a quiet rise may be expected in the price of shares. At Lady Berths, there are indications of the near approach of the lode, and it is confidently expected it will be out in the 30 in a fortnight from this date, if not seener. All the operations of the mine are being conducted in a satisfactory manner. East hases have advanced from 754. to 1604.; this is one of the few we recommended some little time since, when they were 354, per share. North Levant is looking well, and shares must advance shortly. At Providence, a rish discovery of tin has been made in the 75 weet, now worth 204, per fm. Last month's saic of this way 30 tons, at a cost of less than 8004. At Margery, in the 60 east the lode is worth 124, per fm., and at the American shaft 254. All the other parts of the mine have improved. Their first saic of in will take place this month—about 6 tons. At Trelyon, they have out a lode in the 50 worth 104, per fm., and improving; this is a very improtrant feature in the mine. East Providence is looking well, and will make a good mine. Wheal Edward is looking remarkably well, so is Sortridge Consols. All the above shares are worth buying at market prices,

MINING NOTABILIA.

[EXTRACTS PROM OUR CORRESPONDENCE.]

The Mining Market has in some measure participated in the inactivity ceasioned by the national fast; still a fair amount of business has been done, and in several mines a considerable rise in price has taken place—vis., East Basset from 734., 804. to 1004., 1104.; and Copper Hill from 1904. to 2204., consequent on improvements in these mines. Grenville seem to have been unduly depreciated in value, for while the prospects of the mine, scoording to weekly reports of the agent, are quite as good as when the shares were selling freely at 3 to 3½, the price has dwindled down to 1½, 1½. The reason of this great decline can probably be explained by the parties who are known to operate largely in this mine. Those violent flustrations may tend to pecuniarly benefit those operators, but the vast amount of injury it does to legitimate mining must be quite apparent to those who desire to see this important branch of our native industry stand well with the public, who are really the chief sources from whom support is derived for the development of mining property; there are, not withstanding, sufficient indemensation for the outlay of capital in good dividend and progressive mines, paying, as they do, from 15 to 20, and in some cases, as alluded to above, 30 per ceni. in a short period. While, however, those legitimate concerns are into new and worthless schemes, irrespective of any real merits attached to them, or the respectability of the parties concerned. The result is generally loss, and consequently disappointment and diagust with mining altogether, while a little common eare and pruduceou might have ensured them a fair profit on their outlay. With all the unfavourable impressions formed by the public against mining brokers and desiers, it is only fair to presume that there are many in the mining market who are as jealous of the elightest imputation on their character as any other class of brokers or dealers in the Cily. The many cases that have come before the public eye of late render a few words of caution necessa

Wheal Edward, 9½ to 9½.

THE ASHBURTON DISTRICT—WHEAL WHIDDON AND BROWNSHILL.—I have seen many observations of late on this district, and the writers are unanimous in pronouncing it as mineral-bearing and highly metalliferous, and eminently worthy the attention of capitalists. I most emphatically concur in this belief, and cannot entertain the least idea why it is so much neglected. I exolaim, Ashburton men! why do not you show an energetic front, and make a grand effort to start one of your many very promising setts? Try what you can do at Whiddon and Brownshill. Your labours will be soon erowned with success: I am confident in my belief of this. Some little time since, I saw the remarks of a miner of the district in your Journal, who stated that "yellow copper one could be found profusely scattered over the surface in this sett. This I can confirm—earl colado good quality ore have been gathered up in piles by the party now in possession of the mine, and I have no doubt very many tens more can be obtained in the same way. These ere facts, Sir, that ought to attract the attention of capitalists, and which we do not find often paralleled. This sett is but a short distance to the south of the once elebrated Ashburton United Tin Mine, which fully demonstrates the authenticity of the various remarks and favourable opinions thereon. What can I, or what can any one, say more than has been said to urge you of the district on to action? Abandon indoleuce, and embrace perseverence and enorgy; if you cannot raise the little—I repeat, only the little—capital you require for working, appeal boldly to men of capital—you can do so with honesty, and I feel confident you will succeed. Knowing, as I do their a little—capital you require for working, appeal boldly to men of capital—you can do so with honesty, and I feel confident you will succeed. Knowing, as I do their a little—capital you require for working, appeal boldly to men of capital—you can for the assist you, as far as my inited means will admit.—J. C.: Henneck, Oct.

WHEAL EDWARD.—The suspension of the sinking of the shaft on the uth lode, for the purpose of cutting the plat, &c., has caused a little flatness in the ares. It should not be forgotten, however, that the bottom of the shaft is the most luable part of the lode, and is estimated at 2001, per fm. for the length of the shaft. arge profits must necessarily result from future operations.

Large profits must necessarily result from future operations.

It is with great pleasure that I find operations are at last directed to the development of the eastern section of Sirusary Wheal Buller. This is a move in the right direction, and a short time will, no doubt, fully justify the policy of working this part of the sets with the greatest vigour. Indications of a very promising nature have already begun to exist, proof of which is found in the clearing up of one of the old shafts, where all the stuff drawn up is carried to the stamps, and found to be road work. Some large and rich stones of tin have also been found in the old men's workings, and there can be little doubt that, as the clearings of these workings are estanded, more valuable results will be obtained. It has long been thought by many practical and experienced men, that the lode in this part of the sett, which is a entimation of the rich Wheal Metal lode, is destined to compete with the famed Wheal Wor lode for splendour and productiveness. Analogy, at least, indicates the great probability of vastly rich deposits of tin being discovered in depth. It is gratifying to believe that the warmest anticipations of the company will, in all likell-hood, soon be realised, and the returns of the mine be secured on a permanent basis. May abundant success attend the enterprise.

St. DAY UNITED is looking better than it has done for a long period.

St. Day United is looking better than it has done for a long period and with the present price of tin and copper, there is good reason to expect an in greace of dividends.

crase of dividends.

Tincroff.—The Highburrow part of this mine is looking well—better than usual. The mine is now making very large returns of tin and copper ores. The low-priced cressold from this mine are from the tin refuse, after burning. The new self-acting frames for cleaning tin, 30 in number, have just been set to work. These 30 machines can be attended by two boys only, thus saving five or six hands' labour, baldes doing the work more effectually than before. This very curious and ingenious machinery was originated by Capt. Teague and the agents of the St. Day United Mines, and reflects much credit on their mechanical abilities.

Mins, and reflects much credit on their mechanical abilities.

NORTH GRAMBLER. —A fine discovery has been made in the 50 at this mine, which, if it hold, will soon make this property of immense value. Being so well situated and surrounded by great mines, it would indeed be hard if this should be the exception. The spindid stones of ore we have seen bears the strongest presumptive evidence that the goal so ardenity desired has been reached. The stone contains rich guesses, black, grey, and yellow ore, and is of the best possible description.

CARE BERA MINES.—These mines are making very large returns of tin ore. The copper returns are falling off, but the tin reserves are very great, and will always be a source of large revenue for many years to come.

REDRUTH DISTRICT.—The mines here, although so celebrated, are not returning so much ore as previously. Beller is looking much better, and promises well. Several of the mines are opening up ground from which great returns must be made. The good prices have induced some to work out more than they were justified in doing, and now they have to "try back," and open up before they can realise. Large reserves are standing in South Frances, where there are scores of good tribute pliches to be let, if necessary. They are still opening up new ground, and have many years' work discovered. Hundreds of fathoms of tin ground are standing in the backs for some future day, which it would now be impolited to disturb.

We are glad to hear from Bristol, that the greatest portion of the shares

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We are glad to hear from Bristol, that the greatest portion of the shares in Mr. Ennor's Astraugrou Tin and Copper Mines have been taken up.

in Mr. Emor's Assuments Tim and Coppers Mixes have been taken up.

RAMSLEY HILL MINE.—Here is probably the mining prize of the period, nothing like it having been seen since the discovery of the Devon Consols. The samplings will soon declare a tale I dare not utter, as it would be incredible; I, therefore, prefer waiting, and allowing facts to speak for themselves.

At SOUTH CRENVER MINE, the prospects have for some months past been on the improving order, particularly in the ends driving westward from the 24 fm. sixel down to the 94. The 105 is approaching the same run of ore, and is promising. Every preparation necessary to sink down to the 120 is being vigorously prosecuted. It will be remembered by all who know the locality that the great mines adjoining—Crenver, Caffeld, and Wheal Abram—many years ago realised their large profits, and stood where the Devon Great Consols now does—at the head of the ticketings. The ore improved in quality when they got down to the 100 fm. ierel, was very productive of rich ore from thence to the 140, and continued as deep as the 180. It will be seen by reference to South Crenver report, among our British Mines, that they have from 1170 to 1300 tons of ore to take away from the backs of their various levels west. They sold, on Thursday, 80 tons for the month, and will increase monthly.

At New Crow Hill, the 22 fm. level east is improving—some good stones of lead, and a very kindly lode. They are dressing lead, and hope to have a sampling this month. They have not dressed any jack of consequence since the recent sales, and the floors are literally full of jack and mundle. They have about 80 tons of the latter ready for shipment.

North Tayy.—A discovery of the greatest importance to the district

sales, and the floors are literally full of jack and mundic. They have about 80 tons of the latter ready for shipment.

North Tavy.—A discovery of the greatest importance to the district has been made at this mine. It has been found that various portions of the lode, which has hitherto been worked for copper, are very rich for tin, which is contained in a beautiful eoft chlorits, which stamps easily, and with a slight waste. The mine is dry by an adit 60 fms. from surface, and possesses every advantage for being worked efficiently and economically by ample waster-power. In the 20 fm. level, which has efficiently and economically by ample waster-power. In the 20 fm. level, which has efficiently and economically by ample waster-power. In the 30 fm. level for the same length, with 12 fms. of backs. The deeper level has not yet been cleared, but there is no doubt that such a flue strong lode holds in depth. The chances for copper and lead are also very great, as nothing has been seen west of the large cross-course which runs through the sett. Large returns of each have been made in former workings, but no one suspected the existence of tin, and there are now on the old burrows large, but no one suspected the existence of tin, and there are now on the old burrows large piles of stuff, from any one of which you may select atomes of tin, which have, on assay, juided from 10 to 12 cwts, to the 100 sacks. Offers have been made by a captain in the neighbourhood to take these heaps at 5s. in 11., although he would have to cart the stuff three miles to the stamps. This lode runs through other setts, and clines this discovery tin has been broken from it more than a mile from the precent working, all wheal Bedford. Bedford Consols is working on the same lode, where tin last sloopen found of some value. A considerable demand for shares has arisen in

the neighbourhood and elsewhere. The mine is divided into 4096 shares, of which the majority are firmly held by Plymouth adventurers, who have met with a prise at last. The office is at Mr. Edward King's, 27, Austinfriars.

last. The office is at Mr. Edward King's, 27, Austinfriars.

Great Hewas is returning a large quantity of tin monthly, in addition to which very large quantities of tin ground are being laid open. This mine seems destined to take its place among the best tin mines in Cornwall.

Dewon Great Rlieberth Copper Mine.—A preliminary meeting of shareholders in this mine was held at the offices of Mr. Nicholson, 57, Old Broadstreet, on Thursday, when the rules and regulations (according to the cost-book) were apopted, and the agents for the official and practical management of the company were apopted. Upwards of two-thirds of the Sarces were represented at the meeting. The report of the mine presented obtilized to give the most cheering and flattering account of the prospects. That portion of the lode which is now being carried is the southern part, 3 ft. wide, 18 in: of which is very rich indeed, chiefly composed of grey and yellow copper ore, estimated about 4 tons per fm., or about 30." The northern portion of the lode, as well as other points of the mine, hold out more than ordinary encouragement. Further particulars appear in an advertisement in another column.

Another column.

LOSTWITHIEL.—This neighbourhood promises to become a mining district of some importance. A sett has recently been obtained of Lady Granville, adjoining Boconnic, and a remarkably fine lead lode (bearing 30° cast of north and west of south) has been out by costeaning, and opened upon about 100 fms. in length, and from its composition there is every reason to expect an abundance of silver-lead ores at a shallow depth. The gossan, only 12 ft. from surface, contains 15 ozs. of silver to the ton. The lode is about 6 ft. wide, with two well-defined walls, and the underlie not more than 6 in. in a fm., containing horaspar, gossan, and some quartz, quite as transparent, but not quite so transparent.

derlie not more than 6 in. in a fm., containing hornspar, gossan, and some quartz, quits as transparent, but not quite so soft, as fluor-spar. More will be heard of this sett in a short time.

LACKAMORE NEW MINING COMPANY.—A notice of this adventure was inserted in the Mining Journal of Oct, 3, and the advertisement will be found repeated this day. The time limited for taking up the shares is Thursday next (Oct. 15), and we are informed that a large number of applications for them have been received.

SILVER BROOK.—Being a shareholder in this mine from the commencement, and finding the committee have been obliged to offer the sett, machinery, and lease for sale, on account of some of the shareholders neglecting to pay their calls, I venture to hope that some influential party may purchase the whole in one lot, and give it another trial, by continuing the sinking of the engine-shaft and extending levels, as described by the captain on the mine. There is also an important part in the set tundergoing costeaning and exploring both north and south; the set being large, and no rent to pay, gives great facilities for explorations over different parts of it. I would recommend any party wishing to purchase the mine to employ Mr. G. Henwood to inapect the whole sett. He would see where the lead was found, and where there have been above 1000 tons of jack or sinc taken from; and as Mr. Henwood has often mentioned in the Mining Journal that jack is a good neighbour, perhaps this mine would prove, as many others have to a new company—that we have done nearly all the work, and allowed others to reap the benefit. In exploring 000 fms. south, there are strong indications of m east and west lode, so that without a further trial this might be a valuable property thrown away.—G. Starke: Ashburton, Oct. 8.

NORTH FRANCES is improving in depth. This mine, being situate in the locality of Carn Brea, bids fait to become a good property.

TYWAINHAYLE.—All the heavy parts of the engine are on the mine. Mr. Sims, the engineer, has recei

as strict economy will admit.

SOUTH Frances.—A good discovery has been made in one of the bottom levels in this mine, where a lode has been cut, containing rich grey copper ore, from a to 5 in. wide. This mine will again increase its dividends, the new steam-whim, skip-road, and wire-rose, being now paid for. An important improvement in the application of the skip, and method of filling the skip by men at the bottom, has been tried, with the most perfect success. It would be worth the while of agents, when putting in skip-ways, to visit this and see it at work.

The success of the su

tried, with the most perfect success. It would be worth the while of agents, when putting in skip-ways, to visit this and see it at work.

Wendron United.—An important lode has been cut in this mine, yielding tin of excellent quality. It was cut in the shaft, and will soon put this mine on a good footing. Stamps must immediately be had, when returns may soon be made.

The Fast Day was strictly observed here by the shopkeepers, and many mines, where men and boys were idling about the streets and lanes, much to their own and other people's disconfort. It is doubtful but that in many instances not only one day's holiday will be kept but two or three beside, which will necessitate a fast, per haps, for some poor children. It is generally considered here that a Sandsy would have been most appropriate for a day of humiliation and prayer: this is anything else among our working population. It has caused serious inconvenience at some of the largest tin mines, where parcels were wanted to have been returned. We know of one case were 2½ tons of in will not be ready by their proper time, and will decreas their returns by that amount—eay, 300f. The post-office, too, being closed as on Sune day has caused great incanvenience to our village residents.—Redruth.

ROSEWALL HILLAND RANSOM UNITED.—We understand that the 40-in. pumping-engline is already built. A contract has been substituted in the certain the properties of the steam whim, which will soon be finished, and the house to receive the steam samping-engline is already built. A contract has been entered into for the draining of the two engine-shafts to the bottom of the mines, together with all other work necessary to put them in complete working order, for the sum of 530f. The carpenter's and smith's shops and counting-house are completed. In clearing the mine very rapid progress has been made, and there is no doubt operations will soon be commenced upon tin ore, and with every prospect of great success. In a letter from the manager, he states his firm conviction that

THE CHANCELLORSVILLE COMPANY'S QUARTZ REDUCTION WORKS. though we are not able, as anticipated, to announce the actual completion of the Chan-cellorsville Company's Works at Frodsham, we are informed they are so nearly finished as to expect in our next Journal to state the day when active operations will commence

as to expect in our next Journal to state the day when active operations will commence.

We understand that Mr. Henwood, as we had anticipated, is receiving the utmost attention from his countrymen, every mine and every improvement being thrown open to his notice, and every facility for his doing so afforded. He has been one week in the Redruth district, and has examined several of the extensive mines there, at surface and underground.

MINING IN IRELAND.—At Swansea, on Tuesday, the produce of Irish mines realised 11,000%:—

	452 top	B	£5487	14	0
Berehaven	415	**********	4337	13	6
Holyford	50	***********	931	12	0
Cronebane	7	**********	111	0	0
			132	4	0
parcel of Cronebane ore (311 prod	.) obta	ined 34%.	per to	n;	and

Tigrony (303 prod.), 331. per ton.

CORNISH STEAM-ENGINES.

Abstract from Browne's Cornish Engine Reporter, No. 127, from Aug. 21 to Sept. 20:-PUMPING ENGINES.

	Number reported Average load per square inch on the piston, in lbs. Average number of strokes per minute	4-1
	Gallons of water drawn per minute. Average duty of 10 engines, being million lbs. lifted 1 ft. high by the consumption of 1 owt. of coals	2353 60-6
-	Actual horse-power employed per minute	631·3
	ROTARY ENGINES,-WHIME,	
	Number reported	17
	Number of kibbles drawn	30,163
	Average depth of drawing, in fms.	161.3
	Average number of horse-whim kibbles drawn the average height by consuming 1 cwt. of coals	60.7
	Average duty of 7 engines, as above	21-8
	STANFS.	
	Number reported	5
	Average number of strokes per mixute	9.3
	Average duty, as above	51-6
	Actual horse-power employed per minute	15-4
	PUMPING ENGINES DOING HIGHEST DUTY.	
	Fowey Consols, 80 in. single	83.4
	Par Consols, 80 in. single	81.2
	Pembroke and East Crinnis, 80 in, single	70-2
	Par Consols, 72 in. single	63.9
	Pembroke and East Crinnis, 70 in. single	62.0
	West Powey Consols, 60 in. single	61.3
	WHITE ENGINES.	
	Powey Consols, 22 in. double	28-5
	Fowey Consols, 18 in. double	24-2
	Par Consols, 26 in. single	23.5
	STAMPING ENGINES.	-50
	South Caradon, 26 in, single	51.6
	South Chimnen, so my sufficient to the sufficien	01.0

GUN COTTON.—The Times states, Austrian engineers are trying experiments with this material at Krems, and that it has been found to answer for mining purposes, but is not applicable for the use of artillery. Our readers may remember, a few years since, the dreadful explosion which took place at the Messrs. Hall's factory, where several lives were lost. A series of trials, a short time previous to that accident, was made at several of the German mines in the Hartz and Saxoy: the result arrived at was this—a manipulation not only very expensive, but likewise dangerous in the highest degree. Gun cotton, according to the reports then delivered, was cleaner, and had a greater explosive force than gunpowder for biasting, but on account of the eare and caution necessary in its preparation, as well as subsequent use, combined with the cost, it was not deemed advisable that it should be recommended for employment in mines.

FATAL GUNPOWNER EXPLOSIONS IN CORNWALL—A dreadful explosion

mended for employment in mines.

FATAL GUNPOWDER EXPLOSIONS IN CORNWALL,—A dreadful explosion took place at the East Cornwall Gaspowder Mills, at Herodsfoot, by which four men, named Edgecombe, Whiting, Rogers, and Pett, were killed. The shock was felt at Lisksard; buildings adjoining the mills were unrofed, and considerable damage was done. With the death of the mes the cause of the explosion is involved in mystery. Rogers has left a widow and ten children, and Whiting was only lately married. An iquaet has been held on the only body found, the other three poor fellows having been blown to atoms. A verdict of "Accidental Death" was returned, and the jury recommend that a smaller quantity of gunpowder should be kept on the premises. It appears that a similar accident occurred on the same premises three months ago.—An explosion of gunpowder took place on the same day at Wheal Lovel, Cornwall, by which two men, named Wearn and Dinnie were dreadfully injured. The former is likely to recover, but Dianis died the same night.

MEMS, OF MINES AND MINERS .- No. XIX.

MEMS. OF MINES AND MINERS.—No. XIX.

Capt. William Pascos, Camborne.—If to judge of a man by his works be a fair and just criterion of his worth and abilities, we could desire no higher standard for the object of this notice. He is like the noble residence he has erected for himself, on a hill, in an exalted situation, and cannot be hid. There his ability is equally displayed in his taste for architecture and gardening, on the mine by improvements in machinery, in studying the welfare and comfort of the people employed, and the ability displayed underground (as we purpose making a Photograph of the South Frances Mine, it will be seen whether we over-estimate the latter part of our observations). By his attention to his duties he has mainly aided the splendid success his noble mine has achieved, and conduced to the enormous profits derived, and commanded the confidence and friendship of his compatriots (for he is a shareholder) and employers; by his urbanity to, and well-known anxiety for the comforts of his inferiors has be earned their love and respect, as evidenced by the manner in which they always speak of and to him. When we say, in his neighbourhood no man is more respected and beloved, we, without disparagement to any person, only offer a just meed of praise. Capt. Pascoe is among his fellows—that is, eminent captains,—allowed the highest meed of their approbation: when consulted on any important measure (for captains do consult each other occasionally), he offers the best advice in the kindest manner, and with a readiness only surpassed by his suavity. He, as may be supposed, is idolised by his numerous family, in whose breasts he reigns supreme. Capt. Pascoe was resident many years in Wales, where his practice founded that success he has since obtained. To be the manager of one of the largest and richest mines in Cornwall is a post of no easy attainment, and no small anxiety when attained. We wish him long life to enjoy the handsome property he has so worthily acquired, and which he so liberally and ju

Capt. RICHARD TREVITHICK, Dolcoath Mine.—There is scarcely a work in any language on mechanics that does not contain this worthy's name; there is scarcely mentioning it in any company throughout Great Britain in which it is not as familiar as "household words." To mention it in Cornwall without its being known would be impossible. There, as a miner, a mechanist, and a gentleman, he is well remembered, and will be as long as there is a steam-engine or a Cornishman in existence. To his splendid abilities is due a debt of gratitude Cornwall can never repay, but which, we believe, she fully appreciates; without his inventions her machinery could not have made that early and effective progress and celebrity it has obtained. There is scarcely a portion of this wonderful specimen of man's ingenuity which did not receive some improvement from him. Beginning with the boiler throughout all its details, the hand of Trevithick is recognised. To enumerate all would be to write a volume, which is not our object, that being merely to show what abilities have been and are engaged in our mining industry. When such brilliant talents as Trevithick's have been engaged, we think we advance a host of arguments. Capt. Trevithick was for many years agent at Dolcoath Mine, whence he went abroad. Not liking the country, or most probably feeling he was out of his sphere, he soon returned to that land where his mighty powers might have greater scope, though, like many other distinguished savans, his endeavours were not rewarded in pecuniary matters so largely as they deserved. Capt. Trevithick was possessed of a mind superior to these. In some of our previous memoirs we have said he was the companion of Andrew Vivian, Horablower, and other kindred spirits, who have rendered their own and country's name so exalted. His son now fills a most important and lucrative situation, with honour to himself and satisfaction to his employers, bearing a name we hope he will feel it his duty never to sully. there is scarcely mentioning it in any company throughout Great Britain

Capt. JOHN WEBB, Great Hewas Mines, St. Austell, is another example of Cornish mining ability and perseverance: unassuming, kind, and attentive, he gives profound satisfaction to all who have dealings with him. tentive, he gives profound satisfaction to all who have dealings with him. Capt. Webb is well known as a mine inspector, having had considerable employment in that capacity. His reports have been distinguished for perspicuity, candour, and ability, showing in a moment that he fully understood the nature of the subject he had in view; they are invariably judiciously written, and enter into detail and data, too frequently neglected or overlooked, evidencing a careful digest of his observations on the mines' appearances. The Great Hewas Mine is a present and favourable specimen of him as a miner; say more we could not; the mine itself sha I speak for us. Still in the prime of life, we hail with satisfaction the progressive state of his mine, which we hope he will live many years to witness crowned with that success he so confidently predicted, and to which his persevering efforts over difficulties and annoyances of every kind have so eminently contributed. so eminently contributed.

Mr. Bath, landscape painter, Plymouth,—This clever artist was also a miner, who on receiving an injury took up his pencil for a living. Mr. Bath was at that time a young man. He received encouragement from the late Mr. Spry, the then manager of the Cornish Colour Company's works, Penryn, who not only gave him some little insight into the properties of the various colours, and their combinations, but gave him instruction in perspective, he being himself a connoisseur. He also generously supplied him gratuitously with a few colours, oils, &c., and encouraged him by purchasing some of his pictures himself, and persuading his friends out of charity to do the same. Mr. Bath made considerable progress in his native place. On his removal to Plymouth, as a wider sphere of action, he found in the beautiful banks of the picturesque Tamar ample subjects for his portfolio and easel, which he was by no means slow to avail himself of, producing a vast number of clever little pictures, which met with a ready sale, enabling him to elevate himself in society considerably. In his case, too, the terrible misfortune, the want of education, was a serious drawback, Mr. Bath not being qualified to fill so commanding a situation as he would have done. Though labouring underseveral disadvantages, Mr. Bath produced many meritorious works, which realised high prices. The number of "pot boilers" he was necessitated to dispose of rendered his pictures of less value than they would have enabled him to bestow more labour and finish than are observable in his later works. We do not know whether Mr. Bath be still in the land of the living; if so, he must now be of a good old age, as it is between 30 and 40 years since the author first saw him at the Cornish Colour Company's works.

Mr. Thomas Garland, Pairfield House, Wasser, This gentlement and the server and the cornish Colour Company's works. Mr. Bath, landscape painter, Plymouth.—This clever artist was also a

Mr. THOMAS GARLAND, Fairfield House, Illogan.—This gentleman, as purser and adventurer in Cornish mines, is equally entitled to our notice, being as distinguished in the one as the other; suffice it to say he has being as distinguished in the one as the other; suffice it to say he has been successful in both. As a consumer of some of their produce, he has been more particularly distinguished, being the largest manufacturer of arsenic in this country, whence considerable quantities are shipped. Mr. Garland in early life was celebrated for his abilities as an author, many essays of great ability proceeding from his pen. Few men enjoy a larger circle of acquaintances than Mr. Garland, or are more deservedly respected by them. Although beyond the middle age, Mr. Garland possesses a vigorous manhood, the effect of a well-spent early life, which vividity we sincerely wish him to enjoy the fruits of his honest and exemplary industry.

An Atlas cratis with the Dispatch.—On and after Sunday, Oct. 4, 1857, each copy of the Dispatch will be accompanied with a Coloured Map, a Chart, or the Plan of a principal town, so as to furnish to each subscriber, gratis, a most comprehensive, complete, and useful atlas. The size of the engravings will be that of one page of the newspaper. Six maps and two plans in each year will be of double the size. It is hoped, in the course of a short time, that the Dispatch Atlas will contain more names and positions of places than any other English publication of the kind. The counties will be given separately, and, where large, divided. Within the first four months, India will be more accurately and completely delineated, in a series of nine maps, than in any British atlas. The names of the artists will be the best guarantee for perfect accuracy. The engravings will be in the highest style of art, involving a cost of many thousands of pounds. Mechanics institutes, educational establishments, hotels, reading-rooms and coffee-houses, will, in possessing the Dispatch Atlas, be supplied with a daily want. The Dispatch Atlas will be for warded gratis with the pager at the usual price—5d. per copy, or 6d. stamped. The Priday revening edition may be received in the most distant parts of the kingdom on Saturday morning.—Office, 189, Freet-street, Londom.

**** **TarPinno's Parize Essay on Tim Qost—Book System, enlarged and ****** AN ATLAS GRATIS WITH THE DISPATCH .- On and after Sunday, Oct. 4,

TAPPING'S PRIZE ESSAY ON THE COST-BOOK SYSTEM, enlarged and augmented, with Notes and an Appendix, can be had at the Mining JOURNAL office, 26, Fleet-street,—Price 5s.

Mining Correspondence.

BRITISH MINES.

BRITISH MINES.

ABBET CONSOLS.—J. Trewin, Oct. 5: Two lode at the engine-shaft is 6 ft. wide, mposed of quartr, blends, &c., producing spots of lead ore. The lode in the rise in is back of the salt level is nearly 5 ft. wide, yielding from 2 to 5 swts, of lead per a. The shift level is sattended about 14 fms. east of the castern shaft; the lode at is point is not for the preser; producing smuch lead. We are driving on by the side the lode in the western level, west of the castern shaft. The stopes in the back of sadis, east of the shaft, are worth from 4 to 5 swts. of lead per fm. No. 1 stopes expicitly as the same shaft. The castern was a subject of the castern shaft in the same are desuing the lode. I have two mea engaged in cutting ground at the south side of the engine-shaft for a train wagon to pass; when this is completed, and the rails laid down, it will be creat advantage in getting away the stuff from this part of the mine. We shall we om the mine by Thursday next about 2 tons of dressed and 2 tons of undressed ore.

BALLYMOREN.—W. Barkle, Oct. 2. We have no charge of importance in the

a great advantage in getting away the stuff from this part of the mune. We seem have on the mine by Thursday next about 2 tons of dressed and 2 tons of undressed ore. BALLYHONEEN.—W. Barkla, Oct. 3: We have no change of importance in the 15 fm. cross-cats, driving north and south, since I wrote on Thursday. In the sorth cross set we have not yet cut the sulphur course that was opened on in the additivel, The 13 north has been driven since last report 3 ft. 6 in.: total driven, 16 fms. 2 ft. 8 in. The 15 south has been driven since last report 3 ft. 6 in.: total driven, 15 fms. 2 ft. 9 in. In the adit level driving west we have stones of sulphur, but nothing to value; driven since last report 1 fm.; total driven, 17 fms. 4 ft. 9 in.

BEDFORD CONSOLS.—J. Hodge, Oct. 5: At air shaft, the lode and ground is very similar to that stated last week; we have to sink and rise, according to dialling and levelling, about 3 fms.; the shaft is set at 16t. per fm., 1 fm. stent or hole. The ground in the rise is as last reported, also the lode. The air has been as foul the last few days, that we have been compelled to fix an air mackine at 8 itims's shaft, to throw in air. This work is now being doze, therefore the rise is not yet sat, not being able to so into it. However, we hope this will be accomplished to-morrow; we other his will be accomplished to-morrow; we

last week, so much the better if it be not the same. Nothing new in any other part.

BODCOLL.—F. Evans, Oct. 3: The appearance of the lode in the 10 west still holds good; driver during the last week 3 ft. 6 in.

BOILING WELL.—J. Dolbridge, Oct. 3: In the 60, on the north lode, the lode is 3 feet wide, copper, lead, blende, and quarts; a fine looking lode. In the 60, on King's lode, stones of ore. In the 60 cross-cut ground favourable; we expect from the bearing of the lode in the 60 west to have 3 fms. to meet the lode. In the 50 west, lode 3 ft. wide, and poor. In the 50 west, no south lode, lode 2½ ft. wide, yielding some good ore. The 50 cast, on King's lode, is suspended until we hole a rise from the 50 to the 40. The 40 west, on south lode, is soupended until we hole a rise from the 50 to the 40. The 40 west, on south lode, is soupended until we hole a rise from the 50 to the 40. The 40 west, on south lode, is soupended until we hole a rise from the 50 to the 40. The 40 west, on south lode, is soupended until we hole a rise from the 50 to the 40. The 40 west, on south lode, lost of the 50. In the 60 cross-cut, south of Austin's, lode 10 in. wide, copper, lead, and blende ores. In the 20, west of ditto, lode 2 ft. wide, good tribute ground. In the 30, east of Austin's lode in the bottom of the 20, lode 10 in. wide, lead and blende ore. Our lead pitches are looking well, but at present our copper pitches are not looking ow well as usual.

no well as usual.

BRONFLOYD (Limited).—M. Barbary, Oct. 6: We shall to-day fix the beams in the masonry work for the crushers, and the foundry people may now go on with the erection, as we are quite out of their way. I shall take care to have the mine thoroughly clear of stuff, while the engineers are getting up the wheel, so that no delay many thereafter take place.

BRYNTAIL.—J. Roach, Oct. 8: There is no alteration in the 10, driving east se north part of Bryntail lode; it still presents the same favourable appearance hen reported upon on Oct. 1.

when reported upon on Oct. 1.

BULLER AND BERTHA.—J. Hambly, Oct. 7: We still continue to sink the engine-shaft, with a little increase of water. In the last 6 ft. sinking the lode has been a little disordered, but the parts now appear to approximate each other, and promise a great improvement, and is now composed of spar, gossan, and mundic, with spots of copper, and a fine flookan and seft spar on the south side, which will soon, I expect, produce black copper ore. The shaft is now down 16 fms. 3 ft. from surface. I hope to have some part of the engine home this week. The masons have began their contract.

peet, produce black copper ore. The shaft is now down 16 fma. 3 ft. from surface. I hope to have some part of the engine home this week. The masons have began their contract.

BRYN-Y-FEDWEN.—Oct. 5: The stope in the back of the 20, 12 fms. east of the winze on the south lode, is set to fear men for the month, at 38s per fathom; the lode is about 3 feet wide producing about 6 cwis. of ore per fathom. The stope in the bottom of the 20, 11 fathoms west of the winse, on the south lode, is set to four men, at 33s, per fathom; the lode is about 2 feet wide, yielding about 6 cwis. of ore per fathom. The stope in the back of the deep adil level, is first, east of the winse, on the south lode, is set four men, at 33s, per fathom; the lode is about 18 in. wide, yielding about 4 cwis. of ore per fathom. The stope in the back of the deep adil level, east of the winze on the Birry y-Fedwen lode, is set to two men, at 4% per fathom. The stope to the west of the winze in the back of the level, as at to two men, at 4% per fathom; the lode in each of those two stopes is about 3 feet wide, and will produce 5 cwis. of ore per fathom. The winze sinking ander the 36, 2 fathoms west of the shaft, on the Cae Convoy lode, is set to alsr men, at 20s, per fathom. The north part of the lode that we are carrying for sinking, about 5 feet wide, is very hard, composed of strong goesan, pare, blende, and lead ore, yielding of the latter 12 cwis. per fathom. This winze is now down about 5 fathoms below the 16; we intend to push down this winze about 9 to 10 fms. below the 26, and then drive out east and west the length of the ore ground, and stope away this bear of the ore ground to the 26; we cannot stope the bottom of the level, as the north and south sides are both very bad. We must go down as deep as we can, and then action on the stulls in the back of the 26, on the Cae Courry lode; our stuff is now caught up rather bare; we got on a little better than we expected with the quantity of ore last month; we shipped 35 tons 12 cwis, of good q

we have not been working on the ground for the last few days, and, of course, have not been working on the ground for the last few days, and, of course, have not made any new discoveries.

CALSTOCK CONSOLS.—W. B. Collom, Oct. 8: The communication between the vinze and the 12 was made on Friday last. Both in driving the level and sinking the winze the lode has continued to improve; it is at present 3½ ft. wide in the castern asking preparations for cutting the plat and sinking the shalt 12 fms. deeper, this work will be forced on with all speed to enable us to reach the ore at this depth, as here is a splendid lode going down in the bottom of the 12. There is so material alteration in the other parts of the mine. Every effort is being made to sample a good parcel of ore by the end of the month.

CAMPORNE CONSOLS.—Wm. Roberts, Oct. 7: The following bergains were relet on Saturday last: —The 50 to drive east on the caunter lode, by six men, at 12/. ser fathom; lode 6 in. wide, producing good stones of lead ore. The 33 west, by six men, at 71. 19s.; lode small. The 20 west, by four men, at 31. 10s.; lode 1 foot wide, are stones of mundic, and looking kindly to improve for copper ore. The adit west by four men, at 41. per fathom; lode 2 feet wide, and unproductive. The 10 west, by four men, at 41. per fathom is lode 2 feet wide, and unproductive. To south Lode: The 35 atom level to drive west on the north lode, by two men, at 71. 19s. per fathom; lode at present small.

CARDICAN SOUTH BOG.—J. Kemp, Oct. 7: The cross-cut north of the engine what has become much harder, which impades our progressing on as fast as wee wish, but is strongly mineralized, and letting out a little more water, which indic our near approach to a lode; we re-set our cross-cut on Saturday last, at 54, per stems? Time. Our Brynhope shaft is in fork, and our men are now engaged cutting lodge previous to sinking the shaft, which we hope will be completed in a week.

CASTELL—J. Lester, Oct. 5: On Saturday last we had some heavy showers, that have made plenty of water for us to begin dressing this day.

CASTELL—J. Lester, Oct. 5: On Saturday last we had some heavy showers, that have made plenty of water for us to begin dressing this day.

CASTELENE AND JANE CONSOLS.—J. Treweek, Oct. 8: The men have cleared to the bottom of No. 3 winze, where there is a very good lode of lead ore; but as this winze was sunk by men working on tribute, it was not carried down straight, and I have put the men 3 fms. up from bottom, in the south-east snd, to cut it down, where there is a good branch of lead? I shall put more seen in this winze next week. No alteration in any other part of the mine since last reported.

COLLA-COMPRES. Mitchell Oct. During the lest week the left week the left.

and I have put the men 3 fms. up from bottom, in the couth-east end, to cutt down, where there is a good branch of leady? I shall pot more sen in this winss next week. No alteration in any other part of the mine since last reported.

COLLACOMBE.—S. Mitchell, Oct. 6: During the last week the sinking of Morris's engine-shaft below the 72 has been resumed. The 73, west of the western shaft, has been driven 3 ß.; the lade is still of a highly promising character, being 4 ft. wide, composed of quartz, capel, and copper ore. The 40, west of the western shaft, has been driven 3 ft.; the lade is still of a highly promising character, being 4 ft. wide, composed of quartz, capel, and copper ore. The 40, west of the western shaft, has been driven 3 ft.; the lode is worth about 1 ton 6 ore per factor with the western shaft, is above driven 3 ft.; the lode is worth about 1 ton 6 ore per factor with the western shaft, is the been friven 3 ft.; the lode is worth about 1 ton 6 ore per factors of the western shaft, is 4 ft. wide, composed of day-shafe, carbonate of line, blende, and spots of lead ore, a very promising lode, but being driven only by two ment their progress is slaw; the stope over the back of the 57, and named in any last as 15 fms. east of drawing-shaft, is become exhausted. The 45, going east of caps-shaft, spar, blende, and lead ore, yielding 1 ton of the latter per fm, proand hard for driving; the stopes in the back of this level, east of the junction, continue to yield ½ ton 6 lead or or per fan.; the stopes in the back of this level, cast of the junction, continue to yield ½ ton 6 lead or or per fan.; the stopes in the back of this level, cast of the junction, continue to yield ½ ton 6 lead or or per fan.; the stopes in the back of disting east and west of the cross-cut, yield about the save quantity. A new stope has been started in the back of same level 10 fms. east of the ores-cut, the lode is 5 ft. wide, yielding on an average for the length of the stope 1½ ton of lead ore per fm. The loce in the 32 cro

No. 2 stope, in the back of ditto, by four men, at 60s, per fm. No. 3 stope, in the back of ditto, by four men, at 63s, per fm. No. 4 stope, in the back of ditto, by six men, at 63s, per fm. No. 5 stope, west of sagine-shaft, by two men, at 50s, per fm. The stopes will yield an arrange of 8 cwis. of ore per fm. The 30s per fm. The stopes will yield an arrange of 8 cwis. of ore per fm. The 30s per fm.; in this cross-out we have a very promising branch of ere, and to dil appearance will further improve; driven last month, 3 fm. 0 fts inc. total driven, 5 fms. 4 ft. 6 in. A pitch in the back of the 50, west of shaft, by four men, at 14t, per ton. A pitch in the back of shaft, by four men, at 14t, per ton. A pitch in the back of the 30, west of shaft, by four men, at 11t, log per ton, the tributers to pay all soct. We have been so short of water for the last week, that we have been up, and I am in hopps that we can be considered up, and I am in hopps that we can be considered as a sufficient water to draw and crush the staff.

DAREN. J. Humphreys. Oct. 5: Francie's Level: I have succeeded in vantilistics.

and crush the stuff.

DAREN.—J. Humphreys, Oct. 5: Francis's Level: I have succeeded in ventilating this level by fixing air-pipes, and working an air machine which has been lent me, the miners will now be able to get on faster with the driving. The tributers have comusenced dressing the stuff they have been picking from the waste heap, but in consequence of the breaking of the coupling-box belonging to the crusher, their work has been inducered a few days. The underground tributers are getting all their ore to surface, and are spalling it most vigorously. There is no alteration to notice in the appearance of any of the stopes.

DEVON WHEAL BULLER.—W. Neill, Oct. 3: There is no alteration in any part of the mine since my report of last week.

DOLWEN.—F. Evans, Oct. 3: The lode in the adit west is large, with a good deal of sulphur; driven this week 4 ft. Nothing further can be done at the valley shaft; during the past week is, has been safely timbered.

EAST CARN BREA.—Thomas Gianville, Oct. 5: We have finished clearing and securing the adit level; one of the lodes we find taken away for about 15 fathoms in length; and so far as a line can be dropped, we are now drawing out the water, and in a few days I hope to ree the bottom.

EAST FRONGOCH.—T. Pascos, Oct. 7: There has been nothing done at the shaft.

EAST CARN BREA.—Thomas Glanville, Oct. 5: We have fluished clearing and securing the adit level; one of the lodes we find taken away for about 15 fathoms in length; and so far as a line can be dropped, we are now drawing out the water, and in a few days I hope to rece the bottom.

EAST FRONGOCH.—T. Pascoc, Oct. 7: There has been nothing done at the shaft during the past month; but since my last the men worked three days in the 30 cross-cut north: the air is not at all good in this level. During the past week they have been rising and forking alternately, but I hope to have the water clear from the shaft by to-morrow night, when we shall immediately resume the sinking.

EAST PROVIDENCE.—W. Hollow, T. Uren, Oct. 5: The eastern addit is driving west by two men, at 50s, per fm.; the lode is 18 in. wide, of a promising appearance, producing this first of low quality. Wheal Mount addit is driving south on the Comfort cross lode by air men and one boy, at \$5. 10s, per fm.; the lode here is 6 in. wide, producing some very rich stones of tim. We expect the ground will become soften when the stones of the stones of

operations throughout the mine are in a very satisfactory state.

FEE DONALD.—John Muffett, Oct. 6: The lode in level B end is still promising well, and worth 1? ewts. of lead per fm., and good branches of ore going down in the bettem of the level. The lode in the end of ground east from the sinking is much the same as for some time past; the lode is very wide, and mixed with ore all through, but course work. In a fortnight from this I hope to have a vessel here to ship the ore.

GAWTON UNITED.—J. Gill, Oct. 7: In the 50 fm, level, driving west, the ground shluwing better indications for copper. In the 35 end we have cut into the south wall, and find the lode is from 7 to 8 ft, which, interspersed with mundle and copper—a very promising lode. The men in the back of the 36 are making fair progress in stoping the ground siluded to in a former report.

GARREG.—J. Trewethan, Oct. 8: On Tuesday last we cut into the lode at our 60

the ground ailuded to in a former teport.

GARREG.—J. Trewethan, Oct. 8: On Tuesday last we cut into the lode at our 60 cross-cut, and I have much pleasure in stating that it bears the same character in appearance as it did at the 40, when it made large returns of lead ore. We have driven into it about I foot wide; which contains lead, clay, carbonate of lime, and calamine, the lode at the 40 fathom level and above was 5 ft. wide. I am not, however, inclined to think that it is lessened in aice, and from the part visible, I am strongly induced to think it will make equally as productive at this level and below as at the 40. I shall be able to give you further information in a few days after cutting through the lode, and trustit will be astisfactory; we have no other operation to report.

through the lode, and trust it will be estisfactory: we have no other operation to report. GREAT CRINNIS.—E. Shaw, W. Woolcock, Oct. 5: The 90 stopes have improved during the last week; we estimate the value of the lode at 151, per fm. The pitch adjoining does not look so well; it is now valued at \$61, 5s, per fm. We have one end driving on tribute at Daniel's shaft in the 20 fm. level; the end is estimated at 61, per fm. One pitch in the 10 fm. level, east of the same shaft; also one pitch in the 30 fm. level, both of which are not looking so well; their estimated value is 24, 10s, per fm. Two pitches working at Catherine's shaft, enst and west of the 31 fm. level, we value at \$51, 12s, per fm. At the old sump-shaft, we have three pitches working in the 17 and 24 fm. levels, estimated at 64, 5s, per fm. West of Catherine's shaft, in 12 and 24 fm. levels, we have three pitches working—one valued at 164, and two others at 54, 10s, per fm.

GREAT SOUTH TOLGUS.—Jehn Daw, Oct. 7: The lode in the 80, west of new haft, is 1 foot wide, producing 1 ton of ore per fm. We have holed the rise in the ack of the 70, but have not recommenced driving the level. In the 60 the lode is ft. wide, worth 65. per fm., and likely to improve. In the 40 the lode is 8 ft. wide, roducing 4 tons per fm.

If the wide, worth 61. per fm., and likely to improve. In the 40 the lode is 3 ft. wide, producing 4 tons per fm., and likely to improve. In the 40 the lode is 3 ft. wide, producing 4 tons per fm., and likely to improve the samplers: it will be removed to Bosoastle, I think, on Friday next; it will be sampled at the same time as Braydown ores are. Our mine is looking beautiful: we are quite safe to have a good one. The lode in the 60 end still holds good; in fact, it has improved since my last visit: we shall commence stoping very soon; the lode in the end is more likely to improve than ever; but if it hold even as it is now we shall soon increase our reserves or stopes.

GREAT WEST SORTRINGE.—J. Riohards, Oct. 8: The sinking of the engine shall progresses satisfactorily to the north of the lode, in easy ground, and congenial for missral. In the 30 west the lode during the past week has yielded some very fine stones of ore, and is still very promising.

GREAT WHEAL ALFRED.—M. W. Michell, W. Arthur, Oct. 3: The lode in the 180, west of Copper-house shaft, has an improved appearance, and will produce I ton of ore per fm. The lode in the 170 west is 3½ feet wide, worth 181, per fm. Is the 150 west we have commenced cross-cutting south; we expect to have from 3 to 4 fms. to intersect the south part, is defined by the part of the lode. The lode in the 160 east, on the south part, is worth 131, per fm. The lode in the winze sinking below this level, on the south part, is worth 181, per fm. The lode in the 145 west is 2½ feet wide, worth 84, per fm. The lode in the 160 was the south part, is worth 181 is deal; in suproving; some excellent stones of ore have been brought up this morning precisely of the same character as those seen in the 170 a few months since. We have every reason to expect a course of ore in this level in a few fms. Further driving. We expect our next sampling to be from 230 to 250 tons. We have upwards of 100 now at the surface, and have three weeks to-day to our sampling. No change to motion any o

We have spwards of 100 now at the surface, and have three weeks to-day to our sampling. No change to notice in any other level.

GREAT WHEAL BADDERN.—J. Jenkin, Oct 6: The lode in the 6i is about 9 in. wide, producing little lead, ground hard for driving—still in the killse, with the exception of the clvan, sur below the back of the end. We expect to communicate to the western part of the stopes above from the back of the 6i about the end of this week. In the stopes below the 5i the lode is 1 ft. wide, turning out stones of good lead ore. All other operations throughout the mine are progressing estisfantorily.

GREAT WHEAL BUNY.—J. B. Pascoc, Oct. 6: The water is down 7 fms. below the 70, at Harvey's engine-shaft. The engine has been draining 6 ft. 6 in, daily during the week. In bope to have the 50 dry by Thursday next.

GREAT WHEAL FORTUNE.—J. Daniel, R. Pryor, Oct. 6: Harvey's shaftmen are sinking below the 85 for bearers and cistern, and will be ready to fix them against the middle of next week; the cross-cut is this level is driven south of shaft 6 fms. 3 feet. The 70 cross-cut is this code, we think there is a lode near. The 70 is driven west of the cross-out on the main lode 17 fms., at which point we have commerced a cross-cut north, being of opinion that part of the lode is standing in that direction. The cross-cut in the 60 is driven north 6 fms. The 40 and 30 fm. levels, driving west on Conquer branches, are opening tribute ground. The 30, eat of Treblecck's shaft, on the morth lode, is communicated to the cross-cut driving north on the cross-course from the main lode; the men are now clearing the old level of stuff east of the cross-cut men and the morth lode, is communicated to the cross-cut driving north on the cross-course from the main lode; the men are now clearing the old level of stuff east of the cross-cut and the main lode; the men are now clearing the old level of stuff east of the cross-cut and the main lode; the men are now clearing the old level of stuff east of the cross-cut and the me

course. Carnmeal engine was put to work last week, and answers well. The shaftmen have since been engaged fixing ladders, stays, dec., from surfaces to the deep adit level; we shall immediately commence to drain the old mine and out down the shaft as fast as possible. The skip shaftmen are larging down as line of roads or skips. The wines sinking below the deep adit level, east of the westgarn shaft, is down 11 fam., the tools is 3 feet wide-unspreducity; in the bottom stopes, east of shaft, the lode is 4 ft. wide, worth 12 f. per fm.; in the hask stopes the lode is 4 ft. wide, worth 61 per fm. The tribute department sumploys 65 men, at an average tribute of 11s. in 11, at a given standard of 601, per tens for tim.

GREAT WHEAL VOR.—M. W. Martyn, Oct. 3: At Wheal Vor, the pumping enginessare working well, and the water in fork to the 236. The winding engines (except Crease's, now under repairs) are working well. The steam stamps are working, one of the comment of the

HAWKMOOR.—Capt. Richards, Oct. 6: The water is in fork, and I have a full pare of men in the shaft, and six men in the 50 cross-out north, and shall do everything in our power to make up for lost time. Our tribute pitches are looking well, and I hope to sample a senall parcel of ore at the next sampling.

thing in our power to make up for lost time. Our tribute pitches are looking well, and I hope to sample a small parcel of ore at the next sampling.

HEBODSPOOT.—J. Welferstan, Oct. 4: All our pitwork and machinery are again in perfect order; the water is forked, and all our underground operations in full and complete activity. As some of the men employed in stoping were taken away from their asual work, in order to repair the damings, we shall have rather less ore broken this month than assai, but I hope our sampling will be the same as to quantity, and that the only inconvenience will be to delay it for a few days. The lode in the 106 is improved, and yields more ore than at the date of my last report. In other places there is no alteration to notice. The explosion at the powder-mill has caused some damage to the roofs of our buildings, but I believe it is the intention of the powder company to repair the damage.

HINGSTON DOWN.—W. Richards, Oct. 7: No change to notice since last report. HOLMBUSH.—The lede in the 145 west continues to yield 1 ton of ore per fathom, worth 31, per ton. The lode in the rise in the back of this level is also producing 1 ton of ore per fam, worth 91, per ton; in the end driving south on the lead lode, in this level, there is no alteration, the lode not having been taken down. In the 160, east of diagonal shaft, the lode is producing 1\(\gamma\) ton or ore per fam, worth 101, per ton. We have set to drive west from the point where the lode was first next with in this level, the main part of its lode being south of the former driving. In the 145 west, on the flaplack lode, the lode has not yo been discovered to the west of the last erosa-course intersected.

KELLY BRAY.—S. James, Oct. 3: The rise in back of the lod cast is up 3 fms., the lode is the part was the hondary.

down. In the 160, east of diagonal shaft, the lode is producing 1% ton or ore per Im., worth 101, per ton. We have set to drive west from the point where the lode was first met with in this level, the mais part of the lode has not yet been discovered to the west of the last cross-course intersected.

KELLY BRAY.—S. James, Oct. 3: The rise in back of the 100 cast is up 3 fms., the lode is 1 ft. wide, poor at present. The 30 ced west being nearly up to boundary and poor, we thought it most advisable to stop it, and put the men to sink a winze in bottom of the 30 cast in order to make a communication with the rice in back of the 160 with all possible dispatch, as we hope to lay open some tribute ground at this point. The lode in the 45 west is 2½ feet wide, interspersed with munic and the point of the 100 with all possible dispatch, as we hope to lay open some tribute ground at this point. The lode in the 45 west is 2½ feet wide, interspersed with munic and throughout; the lode appears to be changing its character, and rive from 2 to 3 fms. of an improvement ere long. We calculate we shall the thin the strength of the s

back a little in our dressing. To-day we had some heavy rain, which has thrown in able as to resume our drawing and dressing in the ensuing week.

NEW WHEAL VOR AND EAST WHEAL METAL.—Joseph Vivian, N. Thomas, Oct, 5: In making our present report, we are glad to say we are proceeding without any impediment, and our engine will be ready to commence working by the end of the month, as our capstan, shears, &c., for the north-shaft are nearly ready, and most part in their place. Our boiler-house also is in a state of forwardness, and the two boilers will be pretty well fixed by the ensuing week. As the water has again nearly disappeared at the shaft on our great north or Trueman's lode, it might be practicable to recommence sinking before the engines works; but, as the time is so near, we hardy think it advisable. As the Wheal Vor main lode in our ground is dry, we are sinking it with a small force only, however, until we can put a stop to the extra cot always attendant on the commencement of new mines. We are still laying open the adit on the Wheal Metal lode, in our castern ground, and in doing so are discovering very promising ground—all timy; we hope to get into a position to drive on the course of the lode by the end of next week. The lode in the salt driving at Wheal Bramble is upwards of 3 feet wide, of a very promising character, and producing a little time was till continue to progress favourably towards the Park-an-step lode. We eannot be certain, but hope to have only one more shaft to clear after the one we are now elearing, and in such case shall soon reach the eastern extremity of the old men's workings. In clearing toward the Penprase lode we have met with most unpresedented success; for, although there was little to guide us in the old men's working as shaft on the extensity of which we have begone to open a shaft on the extensive workings of the old mine, which we have begon to open a shaft on the extensive workings of the old mine, which we hope will soon anable to deal with the eastern ground, fro

is worth 30t. per Im. for the.

NORTH FRANCES.—P. Hosking, Oct. 3: The lode in the bottom of the 35 festevel is quite as good as ever it was. The lode in the 45, west of Eales's shaft, is moreously as we drive in the east end; we shall have to drive 2 or 3 fess. to reach the productive part of the lode. We shall begin to sink Eales's shaft under the 45 festevel next week. The tribute pitches are much the same.

level next week. The tribute pitches are much the same.

NORTH GREAT TRELETHER.—W. Tom, E. Elisam, oct. 7: This mine progressizedily and satisfactorily. With the aid of the crusher we are enabled to prepare ores quickly and economically, and an assay by two different parties of a portion of lode, in its rough state, shows the quality of the ore to be very rich, producing allows:—No. 1 assay: Copper, 17% per cent.; sliver, 24 ces. to the ton of ore.—S. Mitchell, Redruth.

NORTH TANK ... Williams ... A state of the control of t

NORTH TAYY.—R. Williams, Oct. 8: The lode in the rise in back of the 20 still holds good for tin. I have, since my last report, assayed a sample of the lode east and west of the old whim shaft, in the back of the 20, which I flad to be exceedingly good. The produce weighte 624 grains, which shows the stuff to be worth 410 lbs. per tot. I will not say this is an average sample, but still there are large quantities of the same

kind of stuff there, on a lode from 4 to 5 ft. wide. It must be borne in mind that the old whim-shaft is 80 fans, to the east of Gill's shaft, and the rise alluded to is 21 fms. 10 the west of Gill's; making the distance between the two points upwards of 70 fms. By the middle of next week I will have the lode opened on in the intermediate space. NOETH WHEAL BUSY.—J. W. Crue, Oct. 6: We have supended the 42 for the present, and put the men to sink Harvey's shaft below the 22, which I think will be communicated to the 33 fm about three weeks, after which we shall have a ventilation and discharge for the staff, and will enable us to cross-cut the new lode in the 42, where, I think, it will be found productive to the cast of the junction, as was the result in the 10 and 22 fm. levels. The lode in 22 cast is 1 ft. wide, worth 67, per fm., driving at 31. 5s. per fm. The lode in the 23 west of the winne, is 15 in. wide, opening tribute ground. The stopes in back of the 10 and 22 are producing fair quantities of ore—good in quality. We have commenced sinking a flat-rod shaft in the western part of the mine, for the purpose of prosecuting the lode recently discovered there, 9 fms. below surface, where it is from 2 to 3 ft. wide, composed principally of jack, with good stones of copper ore and tin, having on the back a splendid goesan, intermixed with black ore. From the appearance of this lode I have no hesitation in asying it promises to be the most profunctive one I have ever seen, and have no doubt but that utilismt success will attend all who are concerned in this undertraking.

NORTH WHEAL BOBERT.—James Richards, Oct. 6: Murchison's Engine-shaft:

ing it promises to be the most productive one I have ever seen, and have no doubt but that utilizants success will attend all who are concerned in this undertuaking.

NORTH WHEAL ROBERT.—James Richards, Oct. 6: Murchison's Engine-shaft: In the 52 west the loads is composed of casel, mundic, quarts, and ore, worth 2½ tons per fm. In the 43 west the drivage is on the north portion of the lode, and so far as seen (2 ft.) the loads is yielding asving work. The main part, which is very promising, remains to be taken down. The winze below the 42 west, on the south part of the lode, is suspended in consequence of water. The lode is worth I ton of ore per fm. The rise in the back of the 30, against the air shaft, is up 13½ fms., and the ground continues favourable for progress.—Trial Shaft: In the 42 west the lode contains expel, quarts, mundic, peach, and ore, worth 1½ ton per fm. This drivage is now near the boundary, and on its being dialed the exact distance will be ascertained and forwarded for your information. In the 30 cast the lode is 2 ft. wide, composed of quarts, mundic, and a little ore. The ventilating shaft is down 4½ fms., and we bope to effect a communication with the rise in the back of the 30, in the course of the present month.

OKEL TOR.—W. B. Callom, Oct. 8: The copper lode in the 50 continues to improve; the ore is now half way up in the end, and still going higher. The orey part of the lode is 2 ft. wide, and for this size it is a very good lode indeed. Having had a continuance of ore in the bottom of the level for so many fms., it is quite evident we are on the top of a course of ore differing in its character to any ore yet discovered in the upper levels, the lode being very much softer in its nature, and less hard capel in it. In the other parts of the mine there is no change to report. The engineers are getting on with the erection of the 23-inch loqued rawing-engine.

OLD TINCROFT.—T. Uren, M. Trewhells, Oct. 6: The 40 is driving east from

or getting on with the crection of the 22-inch olyinder drawing-engine.

OLD TINGROFT.—T. Uren, M. Trewhella, Oct. 6: The 40 is driving east from Dymond's shark by four men, at 41. Hos. per fm.; the lode here is 12 in. wide, worth 31. per fm. During the past week the lode in this end has improved as it is approaching nearer the eastern point of the horse of ground mentioned in last report. The cross-out south in the adit level is driving by two men and two boys, at 45s. per fm.; in this cross-out we have out a branch, which at first we supposed to be the lode, but we have criven 5 ft. on this branch, and find it has dwindled away, we have, therefore, again resumed the cross-out. Nancledres shaft is sinking under the shallow adit by four men, at 51. 10s. per fm.; in about a week we expect to communicate this shaft with the deep adit, and lay open tribute ground.

OOLA (Limited).—Chas. Crase, Oct. 8: We still continue sinking the engine-shaft ground just the same as last reported, the water is not very quick as yet. We have a good lode going down in bottom of the western level, and proke 4 or 5 owts. of fine lead and copper ore in the bottom of it this week. As soon as we get the shaft 5 fms. deeper, and get another level under, this ground can be taken away, and leave a good profit to the adventurers, but we are badly off for want of miners. The engine and crasher will be ready to work in a few days; we are preparing the pitwork to get it all ready.

all ready.

PEMBROKE AND EAST CRINNIS.—J. Dale, G. T. Trewren, Oct. 6: The 162 eross-cut, driving north and south from Reid's shaft, is without alteration to notice since last report. We have taken down the lode in the 100 end, east from Smith's shaft, which is increased in eitse and value—being now 2½ ft. wide, worth 2 tons of ore per fm., and from the appearance of the lode in the present end we may expect a further improvement as we extend this level; we have also taken down the lode in the stopes in the bank and bottom of this level, which is looking very promising, and producing 1½ ton of ore per fm. In the stopes in the bottom of the 90, east from Smith's shaft, the lode is from 5 to 6 ft. wide, worth from 15t. to 18t. per fathom. The general appearance of this part of the mine is better than we have ever seen it. On Friday last we dropped our pitwork to the 110, and are getting on very well with drawing the water out, being now down 2 (ms. below the 100.

improvements as we extend that level; which is looking very promising, and producing a light of the part of the mine is better than we have ever seen it. On Priday jatt the look is from \$10.6 ft. wide, worth from 15t. to 18t. per fathom. The general spearance of the part of the mine is better than we have ever seen it. On Priday jatt which look is from \$10.6 ft. wide, worth from 15t. to 18t. per fathom. The general spearance of the part of the mine is better than we have ever seen it. On Priday jatt water out, being now down \$1.5 in. Itinov the [100].

PERSTRUITAL MINE—* The George Hencouch has addressed the following report, dated Redruth, out. \$6. to Mr. Francis Pryor:—In company with Capt. Passoo (of the South Frances Mine), Mr. Litie, and Gart. Thomas Erryor, I examined the shoot 10,000. **Rooving the extent of the mine, having been long, equationed with his place itself, and having worked in mines adjoining. I was proposessed to appose the works executed would have been of an indeptor and trivial characters. 3ty first attention were also also the state of the mine, having been long, equationed with his place, to be all as miner could desir; and meat, that they consisted of the great Penstruhal lost, the renown of whose enermons produce (80,000; clear profit) is world-wide; of a north look, shot 30 or of allowing and the same produce (80,000; clear profit) is world-wide; and the same produce (80,000; clear profit) is world-wide; a north look, the renown of whose enermons produce (80,000; clear profit) is world-wide; a north look, the renown of whose enermons produce (80,000; clear profit) is world-wide; a north look, the renown of the conductor of the conductor of the process of the product of the process of the process of the conductor of the process o

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20 still east and ly good, per ton-he same

lode opened to be worth 111, per fm, In the 22, east of Dorcar's shaft, the lode is it is wide, producing good work; there has been 7½ fms, driven in this end in the last two menths, which has yielded abeat 30 tons of work, also worth 3 fgs. of black in to the ton; making 2½ cwts. of tin, showing this lode to be worth 134, per fm. These two ends are opening very well, especially the last named: this eastern ground looks encouraging. There is one pare of tributers working in back of the 12, west of sump, on Tregay's lode, at 13s. in 14. Having 601, per ton for tin, this pare raised 6½ cwts. of tin last saonth: this makes our stock of tin (which was raised in the last two months) 2½ tons—with little best work I think 2½ tons. We could set a pitch or two more in the old ground if any men would come about. The engine is working well, and is keeping the water with 2 cwts. of coul per day.

REDMOOR.—T. Taylor, Oct. 6: Since last reported the end in the 20 fm. level, on the lead lode, has produced good stones of ore; it is spitt up in branches, and I think the main part is standing on the east side. I expect a favourable result when these branches come together; at present, we are opening ground payable on tribate. In the 70, Kelly Bray cast, the lode is about 3½ ft. wide, composed of mundic and spat, intermixed with good yellow copper ore. In driving west in the same level the lode is improving, producing good stones of ore, but as yet we have not got into the active ground, from the branch or lode on which the level was driven. On the whole, these lodes look promising to open tribute ground. No alteration in any other part of the mine. We have some tributers working, and others would be at work if we hid the wherewith to keep their workings selear. We have secured the footway through some of the winnes, and are now getting timber, &c., for a footway in the engine-shaft.

RIVER TAMAR (Limited).—J. Cock, Oct. 6: The prospects of this mine are the ame as last reported. Our underground operations, which consist of sinki

of the winners, and are now getting tumber, &c., for a footway in the engine-shaft.
RIVER TAMER (Limited)—J. Cock, che 5. The propensic this mine are the same as hast reported. Our underground operations, which consist of sinking the south lodes, are proceeding favorably. We are using every exertion to get the shaft down as rapidly as possible.

ROSEWALI HILL AND RANSOM UNITED.—F. Rosch, Sept. 30: Since I last wrote you, on Sept. 23, we have cleared 10 fins. In the addit, cleared the Hamson shaft to not the engine to work, and commenced under the commenced of the control of the commenced of the control of the cont

The lode in the 10, east from Moreom's, on south branch, is 2 feet wide, unproductive. ST. AUSTELL CONSOLS.—R. H. Williams, Oct. 3: The mine throughout is much as last reported on. The cross-cut in the 25 fm. level is about halfway through the elvan our object will be to intersect the lode, which from present prospects will be a good one. Next week I hope to put 24 heads of stamps to work. Respecting our nickle prospects, our great dependence for a new shoot of nickle ore ion our south lode at Young's engine-shaft. We have four men employed extending the western part of the mine on the course of the nickle branches, and I am of opinion that, as soon as we reach the lode, we shall find these branches again productive. We are raising a small quantity of copper, but we anticipate copper in larger quantities when we cut our south lode at Young's shaft south. Our new flay-wheel is of the most beautiful construction I ever saw, and of excellent quality. The boiler is also new as to use, and in excellent condition; in fact, the whole of our new machinery is very good, and equal to new.

SWANPOOL.—J. Kitto, Oct. 6: The lode in the 20, in the western part of the mine,

whole of our new machinery is very good, and equal to new.

SWANPOOL.—J. Kitto, Oct. 6: The lode in the 20, in the western part of the mine, is 6 ft. wide, 4 ft. of which is saving work for lead, of low quality, worth at present 15t. per fm.; the stope in back of this level (No. 1), cast and west of engine-shaft, is worth 20t. per fm.; and No. 2, west of footway shaft, worth 12t. per fm. The stope in back of 30 (No. 1), cast of engine-shaft, is worth 6t. per fm.; No. 2, cast and west of footway shaft, is worth 4t. per fm.; and No. 3, cast of new shaft, is worth 5t. per fm. The stope in back of the 40, cast of engine-shaft, is worth 6t. per fm. The stope in back of the 60 (No. 1), west of engine-shaft, is worth 10t. per fm. The stope in back of the 60 (No. 1), west of engine-shaft, is worth 8t. per fm.; and No. 2, cast of engine-shaft, is worth 6t. per fm. The stope in back of the 60 (No. 1), west of engine-shaft, is worth 8t. per fm.; and No. 2, cast of engine-shaft, is worth 6t. per fm. The stope in back of the first per fm. The ground in the 60 cross-cut south is very favourable, and is letting out much more water than it has been, which makes me think we are getting very near the branch. All surface operations are going on satisfactorily.

TAVY CONSOLS.—R. Williams Occ. 8: The shaft is shope sunk between the presence of the per fm. and the per fm. In the per fm. The stope in the per fm.

getting very near the branch. All surface operations are going on satisfactorily.

TAVY CONSOLS.—R. Williams, Oct. 8: The shaft is being sunk by six men, at 15t. per fm., under the 80, and the men are making wages at that price, which proves the ground to be good. The stopes in back of the 35, as also the bottom, are turning out 3 tons of ore per fm. The stope in back of the 68, west of the last-named stope, is producing some good ore, and likely to improve. The stopes in back of the 36 are each producing about 2 tons of ore per fm. No alteration in any other part of the mine in the copper department. We have again commenced stamping some of the peachy stuff from the burrows on the mine, and still find it to be produce tin; but it will require some further trial before I shall be able to report its actual value; yet I may say it looks satisfactory, as proving that the tin-bearing portion of the lode may turn out to be of some importance.

turn out to be of some importance.

TEES SIDE.—B. Bray, Oct. 2: The lode in the Day level, driving east at Metal Band, continues about 18 in. wide, mixed with spots of lead ore; driven this last month 4 fms. 1 ft., at 49s. per fm.; re-let to-day, at 49s. per fm. for 4 fms., or a month. In the level driving west from Millican's sump the lode is 2 feet wide, and will produce from 5 to 6 cwts. of lead per fm.; driven last month 3 fms. 3½ ft., at 59s. per fm.; re-let to-day at eame price. We have driven east from this sump 1 fm. 2½ ft., but the lode is small and poor, and have suspended it. The stamp axie is on the frame, and two men are cutting out ground for floors. We have about 5 tons of lead ore dressed and on the floors, which will be ready for sale in ten days.

TREVELTAN.—J. D. Osborn: I have been underground to day, and seen Park lode in the 50; it is about 16 in. wide, but not so much gossan as the levels above; there are spots of yellow ore on some of the faces, but nothing to save as yet; there is a great deal of water issuing from it, which makes me think there is a larger lode ahead. The lode is more perpendicular than any other level we have seen; underlay, about 6 in. in 6 ft. I have put the men to drive east on it, to see if we can cut ore. The other parts of the mine are without alteration.

TREWANE UNITED.—R. Reynolds, Oct. 6: We are progressing with the new pitwork as fast as we are able, and shall begin to drop the 10 fathoms 7-in, lift next Thursday morning. In the 30 north there is a sign of an improvement, there being two streams of water coming from the end, one on the footwall, and another on the hanging wall of the lode. The water is still increasing in the Mariborough adit, and I hope some to be able to say we have cut a good lode in this place.

TREWETHA.—T. Richards, W. Rowe, Oct. 8: There is no change in the 70 sines last report. The 60 north is worth 51, per fm. In the 50 north we have intersected another part of the lode, which is producing some saving work. The stopes are producing much the same. We sampled on Saturday last, computed, 34 tons of crop ore. UNITED MINES (Tavistock).—J. M. Champion, Oct. 7: Our setting-day was on Monday last, when twelve tribute pitches were set, averaging 10s. in 12. The lode in the 36, east from the engine-shaft, is smuch the same a 1 last reported, size 7 feet wide, value 23d. per fm. I cannot see much alteration in any of the pitches since I last wrote. We have a new set of launders for the water stamps completed, and I hope to have the stamps put to work in the course of a week, as they will be a great saving in our coal bill.

VALE OF TOW Y.—T. Harvey, S. Harper, Oct. 6: In sinking Clay's engine-shaft.

to have the stamps put to work in the course of a week, as they will be a great saving in our coal bill.

VALE OF TOWY.—T. Harvey, S. Harper, Oct. 6: In sinking Clay's engine-shaft below the 30 there is no alteration in the ground in the past week. We are sinking the shaft with all possible speed by 12 men. The lode in the 50, north of said shaft, is 3 ft. wide, barytes and lead, producing of the latter 6 ewts, per fm. The lode in the ease level south is 2% ft. wide, barytes and lead, producing a boat 3 ewts. of lead per fm., with every appearance of an improvement. The lode in the 40, such of Field's shaft, is 2 ft. wide, producing 6 owts. of lead per fm. The lode in the 40, such of Field's shaft, is 2 ft. wide, producing 6 owts. of lead per fm. The lode in field's shaft, is 2 ft. wide. The winse in bottom of the 40 north is holed to the 50. In the 40, north from Bouville's shaft, on cross-lode, we have not met with any lode going south as yet, ground favourable for driving. The lode in the winse in bottom of the 20, north from Bouville's shaft, the lode in the winse in bottom of the 20, north from Bouville's shaft, the lode in 1½ ft. wide, producing a cwts. of lead per fm. In the 10, north from Bouville's shaft, the lode in the winse in bottom of the 20, north from Bouville's shaft, the lode in the wind and put in the new one; the masons are busilly engaged in building flues, &c.; and we hope to get it to werk by Thursday or Friday next.

— T. Harvey, S. Harper, Oct. 7: We beg to inform you, since we wrote yesterday, Field's shaft is greatly improved. There is a branch of load 6 in. wide, solid for all the length of the shaft.

— T. Harvey, S. Harper, Oct. 7: We beg to inform you, since we wrote yesterday. Field's shaft is greatly improved. There is a branch of lead 6 in. wide, sold for all the length of the shaft.

WEST BASSET.—W. Roberts, Oct. 7: On the north lode Thomas's engine-shaft is without alteration; lode 10 feet wide, producing stones of ore. In the 124 east the lode, or part driving on, produces 1 ton of ore per fathom. In the 42 east the lode is 1 ft. wide; tribate ground.—Caunter Lode: The 94 east produces 2 tone per fathom; lode 5 feet wide. In the 75 east the lode is 1 foot wide, with stones of ore, Engine Lode: In the 65 west the lode is 2 feet wide, producing stones of ore; saving work. In the 65 west the lode is 2 feet wide, producing stones of ore; saving work. In the 65 west the lode is 2 feet wide, producing 1 ton of ore per fathom. The 22 west produces 2 tons per fathom. In the 42 west the lode is 2 feet wide; tribute ground. Other parts of the mine are much the same as last reported.

WEST SHARP TOR.—Wm. Richards, Oct. 5: Very little has been done in the bargains during the past week; the men having been engaged at the capstan changing pitwork. I am pleased to acquaint you that the new plunger-lift in the 105 is completed, which, with the main-rods and angle-bob, work very satisfactorily. The shaftmen are now engaged fixing a 9-in, plunger in the 70, to take the water from the said level and new shaft as soon as communication is effected.

WHEAL AGAR.—Wm. Roberts, Oct. 7: In the 60 weat the lode continues about 2 ft. wide, producing 1 ton of ore per fm. The stope in bottom of the 40 produces 2½ tons of ore per fm. Other parts are without alteration.

WHEAL ARTHUR.—T. Carpentar, Oct. 5: 10d Lode: The ground in the 50 west cross-cut south is more favourable, and highly mineralised; this cross-cut is about 14 fathoms west of engine-shaft, and is extended 11 fathoms south. The 40 east is disordered, and 1 think it advisable to drive a little further south to prove whether there is more lode standing in that directi

is intersect its cross-course. This level or object to be divisely and the eigene-stars sunk deeper forthwith.

WHEAL CREBOR.—J. Gifford, Oct. 8: We are prosecuting the cross-cut in the 24 with all possible speed. No alteration in the ground to notice. We have discontinued the costeaning at the north part of the sett for the past week, and waiting the arrival of Capt. Davy to inspect the same. The late discovery near Tavistock appears to be the North Orchor lofe, which traverses the whole length of your sett. The Crowndale party are costeaning for it about 300 ins. east of your eastern boundary. His Grace the Duke of Bedford's labourers, while draining the meadows at the eastern boundary of your sett, opened on the back of the same lode (on Tuesday last) in the Lamburn River, and broke some good stones of lead ore, which I have in my possession. Yesterday morning I went to see it, where I broke rocks, 1½ cwt., of simost solid mundic, but cannot see the exact size of the lode, as it was covered with water. I have this day pat two men to open on it in the field adjoining the river. I will advise you of the size and character of the cross lode in course of a few days.

WHEAL CRESSOR.—M. H. East, Oct. 5: The 71 is set to drive cast by six men.

lane this day put two men to open on it in the field adjoining the river. I will advise you of the size and character of the cross lode in course of a few days.

WHEAL EDWARD.—M. H. East, Oct. 5: The 71 is set to drive east by six men, at 71, per fm.; no lode taken down. No. 8 winze, sinking below the 62 cast, is down 4 fms. 5 ft.; the lode is in a disordered state at present—sinking by nine men, at 67, per fm., one month stent, or reach the 71. No. 9 winze is sinking below the same level. The 62 cast is down 5 fms.—sinking by nine men, at 72, per fm., one month stent, or reach the 71; the lode is worth 5 tons of ore per fm. The lode in the 62 west is 13 ft. wide, composed of capel, quartz, gossan, mundic, and stones of ore, of good quality—a very promising lode, part of which is being driven on by four men, at 64, per fm., 2 fms. stent. The 52 west is set to four men, at 64, per fm., 2 fms. stent, to drive by the sides of the lode. The lode in the 62 cast is worth 5 tons of ore per fm.—stoping by six men, at 55s, per fm., one month stent. The lode in the 41 wast is about 2 ft. wide, yielding stones of ore—driving by four men, at 34. los, per fm., one month stent, or cut the cross lode.—South Lode: The engine-shaft is made complete for drawing in the 71, and the men have commenced driving cast and west, which will be carried on with full force—price per fathom for driving cast 94, and west 74. lols. There has been but little or nothing done on the lode since last reported on. The men in the back of the 30 cast, against the trial shaft, is set to six men, at 84, per fm., 2 fms. stent. The tribute pitches are yielding a fair supply of ore, and, generally speaking, the mine is looking highly satisfactory.

WHEAL EMMA.—W. Goldsworthy, Oct. 8: At the 34 end we have driven 5 feet 6 inches during the past week; there is a rich branch of ore on the footwall, and we expect to hole the winze in about 10 days; upon the whole, this end is looking much better. The winn-shaft is sinking by six men, and we hope to hole to the

The other tributers throughout the mine are doing well.

WHEAL EMMA EXTENSION.—W. Goldsworthy, Oct. 8: At Bobin's shaft we are creeting a horse-whim, which we expected to get completed by the end of another week, when we shall be able to resume sinking, and be enabled to make more dispatch. The lode is quite as good as last reported, and warrants the expectation of good results at a moderate depth. In the west of Brook-house we have commenced diving on a parallel lode 70 fms. south, which we intersected by a cross-cut adit 16 fms. deep. This lode has a flookan on the south wall, and on the foot or north wall a branch of fluor-spar about 6 in. wide, spotted with rich yellow ore. The other parts of the lode consist of quarits, a very fine gossan and mundic, with a good stream of water issuing therefrom, a very kindly lode in good killas ground. Within the last 6 ft. driving this lode has increased in size and much improved, and as in a jobby driven about 40 fms. west of the aditjendible lode is 8 ft. wide, our progress in that direction holds out prospects of great encouragement.

WHEAL GRENVILLE.—G. R. Odgers, Oct. 3: We shall not take down the lode

driven about 40 fms. west of the aditiendine lode is 8 it. wide, our progress in that direction holds out prospects of great encouragement.

WHEAL GRENVILLE.—G. R. Odgers, Oct. 3: We shall not take down the lode in the engine-shat sinking below the 54 west is composed of gossan and ore; there is water issuing from the lode, by which means we lose a portion of the black ore; the lode continues to look very promising. I have no other alteration to report this week, because the men have been engaged removing the whim and shaft tackle.

WHEAL GUSKUS.—J. Richarde, Oct. 6: The new shaft from surface on the new lode, set to six men. 5 fms. stent, at 2l. 15s. per fm. In the 30 end, east of Rapson's shaft on the said lode, set to four men, 4 fms. stent, at 2l. 10s. per fm. A rise in the back of the said level, on the said lode, set to free men, and three boys, lode worth 7l. per fm. for lead and copper. A cross-cut to drive north from Francis's shaft, set to two men, 5 fms., or cut the lode at 3l. per fm., and I have every reason to believe that we shall out the main part of Guskus lode at this point, by the variation of the lode. In the 20 we have set four pitches to ten men, at 13s. 4d. in 1l. No alteration to notice in any other port of the mine.

WHEAL HARRIETT.—S. Williams, Oct. 3: There is no change to report from the adit driving to cut the south lode. In the adit level west, on great lode, the tributers are working with spirit; the lode is yielding good stones of ore, and looking promising. The water is now down about 5 fms. below the deep adit—forking fact.

WHEAL TALLACK.—J. Smith, Oct. 7: We have taken down 3 ft. of lode in the

WHEAL TALLACK.—J. Smith, bet., 7: We have taken down 3 ft. of lode in the 10 end east to-day; the lode is now 3 ft. wide, the south part producing good stones of copper, the best I have seen in this end, and at present looks likely for a further improvement. There is no alteration to notice in the engine-shaft, nor the 10 west since I wrote you last. We have squared down the new shaft to the bottom of the adit level, and shall commence driving both ends on the course of the lode to-morrow.

since I wrote you last. We have squared down the new shaft to the bottom of the adit level, and shall commence driving both ends on the course of the lode to-morrow. WHEAL TREBARVAH.—B. Gundry, F. Hoskins, Oct. 6: At the engine-shaft, sinking below the 60, the lode is sall looking kindly for making copper. The 60, cast of engine-shaft, is the same as last reported, producing about ¼ ton of ore per fm. In the 60, west of the engine-shaft, the lode is 20 in. wide, composed of quartz, mundic, black jack, and copper ore, but not valuable. The winze snating below the 50, a little beyond the said end, is looking well, worth 10t. per fm. The 60, sast from flatrod shaft, is still unproductive; the winze sinking below the 50, in this end, has been sunk but very little since last reports, as the water is not yet to the 30 in the old mine, but we cannot do anything there until we can get air down, which we shall endeavour to do. We are erecting a whim on the Bine Burrow shaft at the old mine, in order to drive the 20 west on the lode. The tribute department is just as usual. WHEAL TRELAWNY.—Wm. Bryant, W. Jonkin, Oct. 8: Smith's shaftmen are still engaged in cutting a trip-plat in the 142. The lode in the 132, north of Smith's shaft, is at present disordered by a slide; in the same level south it is 1½ foot wide, and worth 10t, per fathom. In the 120, south of Smith's shaft, is 25 feet wide, and worth 10t, per fathom. In the 120 north of Chippendale's shaft, is 12 feet wide, and worth 17t, per fathom. In the 10th orth its 1½ foot wide in the same level south it is 1½ foot wide in 1½ foot wide. And worth 17t, per fathom. In the 10th orth its 1½ foot wide and worth 5t, per fm. —South Mine: In the 142, south of Trelawny's shaft, it is 2 feet wide, and worth 17t, per fathom. In the 10th orth its 1½ ft. wide, and worth 5t, per fm.; in the same level north we are still driving in Killse by the side of the lode. In the 130 south it is 2½ ft. wide, and worth 14t, per fathom. The stopes and pitches are producing much as usual.

WHEAL UNITY.—J. Vivian, Sept. 26: The lode in the flat-rod shaft is 2 ft. wide, very kindly in appearance, and preducing good stones of copper ore. The lode in the 30 west is 2 ft. wide, and opening tribute ground. The rise in the same level cast is holed, and we have again resumed driving the end east, where the lode is 18 in. wide, worth from 3t, to 6t, per fathom. In the 19 cast the lode is 2½ ft. wide, composed of iron, goesan, and epat. The lode in Maria capine-shaft, is 2½ feet wide, very kindly in appearance, and producing mallcable copper and grey copper ore. In the 10, ast of Maria capine-shaft, is 25 feet wide, year, highly in appearance, and producing a small quantity of copper ore. The shaft eact of Maria capine-shaft is a feet of the mine is progressing favourably.

ed to the adit. The engine and nat-rods are working very well, and the work or mine is progressing favourably.

J. Vivian, Oct. 5: The lode in fat-rod shaft is improved since last report, being very the log per far. The lode in the 30 wastis split by a horse of killar; however, yet opening tribute ground. In the 30 east, the lode is about 1 it. wide, kindly, worth about 80, per far. The 19 east is now within 2 fans. of Maria engine-shaft, code taken down since last report. Maria engine-shaft, will be completed to the n course of the week. In the 10, east of Maria engine-shaft, the lode is about 1 ft., composed of gossan and spar. In the adit, east of new shaft, the lode is large, likely to produce copper in depth. The tribute department looks favourable.

and likely to produce copper in depth. The tribute department looks favourable. WHEAL UNDON.—T. Glanville, Oct. 6: The lode in the 20, west of the engine-haft, is 4 in wide, with a kindly appearance, producing good ore throughout. The lode in the 15 is 2 ft. wide, yielding stones of ore.

WHEAL WREY CONSOLS.—P. Clymo, jun., Wm. Hancock, R. Roskilly, Oct. 8: The sumpence are engaged cutting a plat in the 61. The lode in the 54 south is 2 ft. wide, producing 5 cwts. of lead per fm.; in the same level north it is 25, feet wide, producing 6 cwts. of lead per fm. in the 44 south it is 2 ft. wide, producing 7 owts. of lead per fm.; in the same level north it is 15, ft. wide, producing 8 cwts. of lead per fm.; in a winze sinking under this level south it is 2 ft. wide, producing 8 cwts. of lead per fm.; in the 33 north it is 15, ft. wide, producing 8 cwts. of lead per fm. in the 33 north it is 15, ft. wide, producing 4 cwts. of lead per fm. The story of the count it is 25, ft. wide, producing 12 cwts. of lead per fm. The north shaft is sank 3 fms. under the 23, where the lode is 3 feet wide, producing 1 cwts. of lead per fm. The stoppe and pitche are producing much as usual. WHEAL ZION.—J. T. Phillips, Oct. 6: The north lode in the rise in the back of WHEAL ZION.—J. T. Phillips, Oot, 6: The north lode in the rise in the back of the 50 fm. level is about 18 in. wide—a leader of mundic and peach, about 1 ft. wide, on the north side, and on the south a leader of orey work, turning out 1 ton to the fm. The 65 fm. level is being driven north by three men and three boys, at 4i, per fm., on the cross-course to the west of the engine-shaft, and expect to out the lode in 65 fm. sdriving. We have nothing new to report on the main lode. In the Glebe sit we have driven through the flookan that runs to the north of the main lode.

salit we have driven through the flookan that runs to the north of the main lode.

WILLOW BANK.—J. Sanders, Oct. 5: In the 30 cast there is a little improvement; the lode is producing spots of lead ore occasionally, but not sufficient to value as yet, although there is every prospect of a further improvement. All other parts of the mine are much the same as last reported.

DEYON BURRA BURRA.—J. Lord, Oct. 8: The shaft has been taken by six men, at 104. 109. per fm. We are getting the sinking-lift in its place to-day, and shall get everything to rights so that the shaftmen may aink to-morrow. The castern end and the stope are without material alteration since my last.

GREAT SHEBA.—J. Spargo, Oct. 3: Our sampling this time is small, computed 65 tons (though I think when weighed it will come to 100). This is in consequence of the tributers driving and holing a piece of ground for advantage, but we shall make it up in our next sampling. We shall now commence taking down the lode at Kelly Hole, which I hope will turn out satisfactorily; indeed, I have not the least doubt of it. We have plenty of water.

The letter of "Common Sense," on the case of "Stockwelle. Jeffree and Lord Charles Pelham Clinton," reaching us only on the eve of publication, is necessarily post-poned: in our next Journal it shall receive every attention.

THE MINERAL WEALTH OF THE UNITED KINGDOM.

Availing ourselves of the valuable statistical information prepared by Mr. ROBERT HUNT for the Museum of Practical Geology, we append a soncise general view of the present condition, and of the progress during the past three years, of that great source of our national wealth—the proof our Mineral Industries.

Tr.,—In 1854, the mines of Devon and Cornwall produced of tin ore, ommonly called black tin, 8747 tons; in 1855, 8947 tons; and in 1856, 350 tons. Thus we find an increased production of 603 tons in 1856 over that of 1854 :-

1854, at the average price per ton of 641., the ore produced 559. 68L., 71L., 608,3967.

Total...

.. 19,717 21,294 24,257

or silver; and in 1900, 6038 tons, which gave 1,748,735 oxs. of that metal.

Zinc.—From the small demand for English zinc ores, comparatively limited quantities were raised for many years. The sulphides of zinc have become more valuable, and hence they have been raised and sold in larger quantities than they have been for many previous years, 9003 tons being sold in 1856, producing 27,4454. The importations of zinc have declined. Of spelter, we received in 1853, 23,419 tons; in 1854, 19,583 tons; in 1855, 17,845 tons; and in 1856, 18,213 tons. During last year we exported 3153 tons of British zinc, while in 1855 we only sent out of the country 2516 tons. untry 2516 tons.

Haon.—The enormous increase which has taken place in our iron manufacture will be seen upon reference to these returns. The returns of iron ore are far more complete than those which have been given in any former publication, and they may be regarded as a very close approximation to the real produce of all the iron-producing districts of the United Kingdom. Those returns show that 10,483,309 tons of iron ore have been raised, and that 3,586,377 tons of pig-iron have been produced. Iron ores have sold, according to their respective qualities, at the mines for prices varying from 5z, to 15z, per ton. The mean average price of iron ore, computed from the sales of all the district, has been 11s, per ton. This will give 5,695,8161, as the value of the Iron ore produced in 1856 in Great Britain. The total produce of pig-iron, at the mean average market price, will give a money value equal to 14,545,5082.

Coars.—The large development of our iron and other manufactures has IRON.—The enormous increase which has taken place in

Coals.—The large development of our iron and other manufactures has naturally led to a considerable increase in the quantity of coals raised. Notwithstanding the great excess of this return in 1854 over any previous computation, I find it greatly exceeding in 1856 oven that surprising quantity, the coal produce of the last year amounting to 66,640,450, which,

at the average price of coals at the pit's month, gives a money value equal to 16,663,8624. There has been an increase of nearly 1,990,000 tens in our exports to foreign countries, and the quantity of coals and coastwise is larger than in any former year.

Among the smaller articles of mineral produce, salt, iron pyrites, arsenic, barytes, and fluor-apar, show a much higher value than those substances were generally thought to possess.

Although the returns of building stones have been considerably increased, yet the detailed lists are very far from being perfect. Enough, however, has been done to enable, by careful computation, a tolerably close estimate of the value of these important productions to be made. The difficulty of obtaining returns of the quantities of clay manufactured are so great, that, with the exception of the finer varieties, it appears at present almost impossible to arrive at any approximation of the value of this natural production.

production.

The value of the mineral productions of the United Kingdom has been estimated in the following table upon the principle of taking the mean average price of all the substances at the mine, colliery, or quarry, before any charges for carriage have been made, or cost added for manufacture:— VALUE OF THE MINERAL PRODUCE OF THE UNITED KINGDOM, 1856.

of the amand thopeon of the cutte	in wraghow, h
TIN ORB	£663,850
COPPER ORE* LEAD ORE (as sold containing silver)	2,343,960
LEAD ORE (as sold containing silver)	1,431,509
ZINC ORES	27,455
IRON PYRITES	46,066
Arsenic	
NICKEL AND URANIUM	627
IBON ORB	5,695,815
COALS	16,663,862
BALT	553,993
OTHER MINERALS	10,000
POBCELAIN AND FIRE-CLAY	120,896
Total	£27,559,844
BUILDING STONES, estimated on basis of re-	,,
turns and prices given	3,042,478
Total	£30,602,322

The market value of the manufactured metals has amounted to the fol-

			£808,241
			2,846,803
		*****************	1,755,096
			153,547
			225,075
			14,545,508
ITALS			100,000
al		******	£20,434,270
INER	AL PROI	overs, exclusive of	
ston	es	***************************************	17,348,751
	Total		CON MOD 001
	etals al	al INBRAL PROI	al INTRAL PRODUCTS, exclusive of stones. Total

Che Mining Market; Prices of Metals, Ores, &c.

META	L MARKET, London, October 9, 1857.
META Copper wire Depth Set Set Copper wire Depth Depth	PORRIGN STREE. Per Ton.
Ditto, in Tyne and Tees. 3 11 0- 3 15 0 Ditto, forge 3 10 0- 3 10 0- 3 15 0 0- 4 15 0- 5 0 0 Welsh Forge Pig. 3 15 0- 4 0 0	IC Coke
English Pig	Yellow Metal Sheathing p. lb. 11%4 -
Ditto sheet	Wetterstedt's Pat. Met p.cwt. 2 2 6 Stirling's Non-lamina- ting, or Hardened, Surface Railsp. ton Stirling's Patent Toughened Pigs Glasg. — -5 5 6
Baass (sheets)p. ib. 11 \(\) d12 \(\) d. \(\) Wiro	Ditto Wales 4 0 0-5 5 0 Indian Charcoal Pigs - 7 10 0

REMARKS.—Our market continues to manifest a degree of easiness, transactions being mostly effected on terms favourable to buyers; prices generally have a slight tendency to recede, but present appearances do not threaton any material declension. The increased rates of discount, and the Indian mutiny, tend to create depression, and prevent sp from entering deeply into metals.

COPPER.—Although activity no longer prevails, there is still a quiet trade doing; many orders that were given out some time since have yet to be delivered, therefore there is no fear of any immediate decline in the value of this article.

Inox.—Rails are to be purchased at 7*l*. per ton. English bars, also, at 7*l*., f.o.b. at the works.—specifiations are needed by the ironmasters. Scotch pigs have been considerably affected by the advanced rates of discount; the intelligence no sconer reached Glasgow than an immediate fall ensued; mixed numbers changed hands at 65s. 9d. cash, which price was quoted by sellers here on 'Change to-day—No. 1 Calder, 74s., or 85s. ex ship in the Thames.

LEAD. - Prices continue easy; sellers, however, quote former rates. SPELTES.—No improvement can be said to have taken place in this setal; prices, if anything, have rather tended downwards.

TIN.—No change has been announced in fixed rates for English quali-ties; a moderate business only can be reported. In foreign, nothing of consequence has occurred. Straits is a shade lower.

TIN PLATES remain the same as before.

QUICKSILVER. - Contracts have been passed at 2s. per lb.

Quicksilver.—Contracts have been passed at 2s, per lb.

Laverrool., Oct. 8.—The inactivity recently observed in our metal market still exists, and the demand generally is now merely to meet immediate requirements. The increasingly unfavourable intelligence received by the Baltic has excited considerable alarm, and orders previously received, and already in hand, have been countermanded to some extent. An uneasy feeling exists as to the future, angmented by the prospect of declared nodey, received, and additional a percent, in the rate of discount having been declared to-day. Prices of both Welsh and Staffordshire Iron are ranging rather lower, and although there cannot be said to be any very great desire to sell, yet the feeling is favourable to reduced rates, at all events for the present. Scotch Fig-iron shows but little alteration, the fluctuation in prices being but triffing. Business has been exceedingly limited, and as regards speculation it is perfectly at a standstill. The shipments are on an extensive scale, being 12,418 tons, against 10,549 tons for the corresponding week of last year, or an increase of 1869 tons; to this extent of the shipments may be attributed the steadiness of the price, in the absence of ordinary business. The shows no alteration; English is in good request, at current rates; foreign is quiet. Tin-plates are to be obtained on favourable terms to the buyer, and there is apparently more anxiety to sell. In Copper, also, a fair amount of business has been done, at full prices. Lead it quiet. The following are the quotations:—Iron: Meritage and the prices are to be obtained on favourable terms to the buyer, and there is apparently more anxiety to sell. In Copper, also, a fair amount of business has been done, at full prices. Lead it quiet. The following are the quotations:—Iron: Meritage and the prices are to be obtained on favourable terms to the buyer, and there is apparently more anxiety to sell. In Copper, also, a fair amount of business has been done, at full prices. Lead it qui

The produce of all the sales, excluding foreign ores, but including private con

chant bar, 7l. 10s. to 7l. 15s. per ton.—Tin: Common block, 140l. per ton; common bar, 141l.; refined block, 144l.—Tin-plates: Charcoal, IC, 38s. to 39s. 6d. per box; coke, IC, 33s. to 34s.—Lead: English sheet, 25l. per ton; English pig, 24l.—Copper: Cake and tile, 121l. 10s. per ton; best selected, 124l. 10s.; sheathing and bolt, is. 14d. per ib.—Vellow metal sheathing. 114d. per ib.—Steel: Blistered, 30l. to 40l. per ton; spring, 18l. to 24l.; cast and shear, 50l. to 60l. per ton.

GLASGOW, Oct. 8.—Our market continues in a depressed state, in consequence of large lots of iron being forced upon it, combined with the tightness in the money market. To-day, business was done in mixed numbers, warrants, at 66s, at which prices we closed sellers. Shipments have continued good, but the legitimate demand has now fallen off considerably, and stocks are accumulating.

MINES. - We have often remarked that when business is dull in the stock and railway markets, mines are particularly active; and this week, while the news from America of bank failures and mercantile difficulties, has caused an advance in discounts, and a general fall in stocks and shares, great excitement has been shown in the mining market, and business more than usually brisk. This has been caused in a great measure by the discovery at East Basset, where the copper lode in the 60 fm. lovel is yielding 10 tons of rich ore per fathom; on Tuesday, when the discovery was made, the shares in London were 75, sellers, but when it became known on Thursday they rose to 100, 110, and leave off 110 to 120; just a month ago the shares were 50. This rise offers another example of what a discovery in the Basset district affords, and to which we have frequently alluded. East Basset was originally part of Wheal, or South Basset, and was separated from the setts few years ago, and the shares issued at 51, per 256th, or 21. 10s. the present share. Until 1854 little was known of it, and the shares were in few hands, whon Mr. J. Y. Watson, in his Review of the Progress of Mining, published in the Mining Journal of Dec. 24 of that year, called public attention to the fact that whilst the three Bassets, West, South, and North, represented a market yellus of more than 400,000f., there was a little mine (East Basset) scarcely known, and standing at a market price of 50000, on the same lodes, and which one day might turn out a prize. We have since kept the progress of the mine before the public, and by many have been thought too anguine; but the result justifies our confidence; and what may appear rather singular is, that the mine was not a favourite with many of the "practicals" in the district, and very few shares are held there. One gentleman, who has supported the mine through good report, and evil report, and purchased shares to a large extent, will now realise a profit of something like 10,0000. At the Basset meeting, the dividend was 51, per share only, rather causing disappointment, but it was considered by those present that although not looking bright at present, the mine had one or two important points to come off, which might cause an improvement; the south mine is to be worke' separately in future; shares are rather fist, at 210. Bouth Frances have been more in request, at 230 to 240, and but for the dispute with West Basset would rise. Copper covery at East Basset, where the copper lode in the 60 fm. level is yielding 10 tons of rich ore per fathom; on Tuesday, when the discovery was made, the shares in London were 75, sellers, but when it became known

Mining Exchange Official List of transactions during the week :-

Mining Exchange Official List of transactions during the week:

Savunnay, Oct. 3.—Pedn-an-drea, 19s. to 31s.; Pendesen, 2½ to 3½; Sortridge Consols, 2 3-16 to 2-16; Vale of Towy, 3 to 3½; Wheal Edward, 9 to 9½; Wheal Grangaret, 65 to 67½; Wheal Trelawny, 24 to 35; Wheal Zion, 19s. to 21s.

Monday.—East Alfred, 3¾ to 3½; East Besset, 75 to 77½; Redmoor, ½ to ¾; Sortridge Consols, 2 3-16 to 2 5-16; South Caradon, 337¼ to 347½, ex div.; South Cara Brea, 6 to 69; Wheal Greaville, 3½ to 31s; to 437½, ex div.; South Cara Brea, 6 to 69; Wheal Greaville, 3½ to 31s; Wheal Trelawny, 34½ to 25½, 6 to 23s. 6d.; Great Bardern, 19s. 6d. to 17s. 6d.; Hingston Down, 5¾ to 6; Lady Bertha, 18s. 6d. to 19s. 6d.; Pendeen, 3½ to 3½; East Baseet, 75 to 80; Gawton United, 22s. 6d. to 23s. 6d.; 16 to 25s. 16; Wheal Greaville, 39s. to 31s.; Wheal Harriett, 12s. 6d. to 13s. 3Wheal Trelawny, 25 to 26s. Tarusaday.—Alfred Consols, 13¾ to 3½; East Baseet, 100 to 110; East Russell, 2 to 3½; Consols, 3½ to 3½; Consols, 3½ to 3½; Consols, 2½ to 2½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 2½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 3½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 3½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 3½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 3½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 3½; Wheal Greaville, 1½ to 16; Redmoor, ½ to ¾; Sortridge Consols, 2½ to 3½; Wheal Edward, 8½ to 93; Kelly Bray, 55s. to 37a.; Lady Bertha, 19s. 6d., 20s. 6d.; Sortridge Consols, 2½ to 3½; Wheal Edward, 8½ to 93.

On the Stock Exchange, the following business has been transacted :-

On the Stock Exchange, the following business has been transacted:

SATURDAY, Oct. 3.—Alfred Consols, 13%; to 13%; United Mexican, 4.

MONDAY.—Alfred Consols, 13%; 19 To Consols, 30%; South Garo, 4.

South Caro Bree, 5% to 5%; Wheai Mary Ann, 48 to 47; St. John del Rey, 12; Dun Mountain, 1%; United Mexican, 3%, —Transactions, though not officially marked: Theoroit, 4%; Wheai Tetevary, 25; East Alfred, 3%; to 3%; Wheai Grenville, 1%; East Basset, 68 to 69%; North Basset, 15%; Great South Tolgus, 16%; Tursony.—Alfred Consols, 13%; Bast Basset, 78; North Wheai Basset, 15%; Tincroft, 4%; St. John del Rey, 13%; 194, 13%; 197; Wheai Basset, 16; North Wheal Grotty, 5 to 4%; Sortridge Consols, 13%; Wheai Mary Ann, 47%; St. John del Rey, 13%; Ontrol Wheal Crofty, 5 to 4%; Sortridge Consols, 2%; Wheai Mary Ann, 47%; St. John del Rey, 13%; General, 17% to 15%; Sortridge Consols, 2%; Wheai Mary Ann, 47%; St. John del Rey, 13%; Gensel, 17%; Tarbay.—Alfred Consols, 14, 13%, 13; North Wheal Crofty, 4% to 5%; Sortridge Consols, 2%; Wheai Mary Ann, 47%; St. John del Rey, 13%; United Mexican, 3%.

At Redruth Ticketing, on Thursday, 4158 tons of ore were sold, realising 27,5471. 1s. 6d. The particulars of the sale were—Average standard, 1391. 10s.; average produce, 62; average price, 6l. 12s.; quantity of fine copper, 279 tons 8 cwts. There will be no sale on Thursday next.

At Wheal Basset meeting, on Tuesday, the accounts showed—Balance last audit, 10801. 2s.; ores sold, July and August (F. ... Juse), 59931. 7s. =76371. 9s. — Mine cost and merchants' bills, July and August, 48961. 7s. 7d.: leaving balance in favour of the adventurers, 37861. 1s. 58. A dividend of 25901. (5s. per share) was declared. In the South Mine, the cost and merchants' bills for July and August were, 2861. 1s. 6d.; ores sold (less dues), 481. 6s. 4d.: leaving balance against adventurers, 2901. 5s. 2d. The meeting was afterwards made special, for considering the propriety of dividing the South Mine into a separate adventure; and a resolution was passed that it be formed as a company, in 512 shares.

At the West Caradon Mine meeting, Sept. 23, the accounts showed—Balanco last audit, 15901.0s.19d.; ores sold (less lord's dues, 8021.17s.2d.), 45981.10s.5d.;

james la septemit 13001. 6s A call of At N chair), to the com.
At T. Balance Balance merchan 1311. 18s A comm engino. Ann lode employe At the Balanco = 3171. 5 A call of a drawing the purp weil as t At T

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jeaving made.
Crough's driving that exp S. S. Basmine coir rent, 201. leaving b and paym was and paym realens a the devel At th W. J. Dr of 9221. 1 with a very the average that Lie chair), the assets an venture are detail The Haring th At Perpertant in than averand should rially end At Rowerth up

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sterials sold, 75J. 9s. 6d. =6204J. 0s. 9d. —Mine cost and merchants' bills, May and me, 4996J. 10s. 4d. : leaving balance in favour of adventurers, 1207J. 10s. 5d. A di-dead of 512J. (2J. per share) was declared. The loss on the two months' working is 522J. 10s. 5d.

At Alfred Consols meeting, on Monday, the accounts showed—Balance hat andit, 99% in. 7d.; ores sold (less ford's dues 1.18th, 294f. is. 9.1.), 4489f. 10s. 5d.; materials sold, &c., 203f. 14s. 11d. = 5943f. 6s. 11d.—Mine costs for Jane and July, 202f. 11s. 3d.; merchants bills, 3938f. 2s. 6d.; lessying balance in favour of advengent the balance to next account was 791f. 4s. 5d. Capits. Matthew White, Thomas Prelesse, and Thomas Hosking reported that the main lode at Davey's engine-shaft was worth about 204. per fm. No. 1 wince was sunk 5 fms. below the 100; the lode was worth 504. per fm. for copper ore. All other parts of the mine were much the same as for some time past.

At Copper Hill Mine meeting, on Tuesday, the accounts showed—Ba-lance last addit. 6561. 8a. 6d.; mine cost and merchants' bills, June, July, Aug., and september. 2881. 2a. 4d.—33342. 10s. 10d.—Ores cold, July and Sept. (less dues), 1996, 6s. 4d.; call mar.é., June, 12801.: leaving balance against adventurers, 7511. ia. 3d. A call of 51. per share was made.

Act North Wrey Consols Mine meeting, Oct. 1 (Mr. W. S. Hatch in the chair), the 2000unts showed a balance against adventurers of 3044. 15s. 9d. A call of its per share was made. Messers, Bawden, Balsombe, Hatch, and Fuller were appointed des coamittee of measurement. Capt. Wm. Bettis reported favourably on the mine.

At Trumpet Consols Mine meeting, Sept. 30, the accounts showed—Balance last audit, 3134, 19a. 1d.; mine cost, April, May, and June, 21891. 2s. 6d.; merchants' bills, 625; 17s. 10d., -31237, 10s. 5d. -0ressold and carried (less lord's duer, 318, 18s. 11d.), 27 13f. 17s. 7d.: leaving balance against adventurers, 3871, 12s. 10d. a committee was appointed to decide on removing or otherwise the Bowling-green eggine. Capts. R. Kendall, R. Quentrall, and B. Dunatan reported that on Wheal Ann lode the tin was sampled at 50t. per ton: they had 143 men and 67 boys and girls employed on the mines.

employed on the mines.

At the Berriow Consols Mine meeting, Sept. 24, the accounts showed—
lalance last audit, 684, 188, 114.; mine cost, 1784, 138, 74.; merchants' bills, 694, 118, 442,

2177, 58, 104.—Calls received, 2307.; leaving balance against adventurers, 677,58, 104,

quild it, per share was made. Capt. Henry Taylor reported that they had stached
drawing-machine to the water-wheel, and fixed a railroad at the engine-shaft, for
hegurpose of drawing the atuff; as that they were now able to draw all the stuff, as
well as the water, by ald of the water-wheel.

all as the water, by and of the water-wheel.

At Tokenbury Consols Mine meeting, Sept. 24, the accounts showed—
labace last audit, 1544. los. 10d.; mine cost, 684. 17s. 2d.; materials, 124. 18s. 10d.;

eaving balance in favour of adventurers, 52l. 14s. 10d. A call of 2s. per share was

mile. Capt. Wm. Taylor reported that the probable expense of forking the water in

cech's shaft would be from 300l, to 1000l. He, therefore, strongly recommended

giving further on the lode in the adit, to see more of its character before going to

hat expense.

Bench's shart would be from 2005, to 10001. He, instructor, saturgly resonances driving farther on the lode in the adit, to see more of its character before going to that expense.

At the Devon and Cornwall United Mines meeting, on Monday (Mr. 8. 8. Bastard in the chair), the accounts showed—Balance last audit, 493. 18s. 66.; mine cost, July, 375. 15s. 36.; Aug., 3853. 4s. 9d.; Duchy of Cornwall, one year's ret, 20.; sundries, 484. 18s. 34. = 1364. 5s. 1d.: leving balance against adventurers, 92. 3s. 1d. The estimated accounts of receipts ad payments before the next meeting showed that the balance in favour of the mine would be 6621. 16s. 1d. Capit. Neill reported that on Sept. 25 they sampled 231 tons of ret, and, from present appearances, hoped to increase the samplings. The committee of management were re-elected, sod a vote of thanks passed to Capitain Neill for his saless attention to the interest of the shareholders, and his judicious exertions for the development of the mines.

At the Tamar Silver-Lead Mining Company meeting, on Monday (Mr. W., Dunsford in the chair), the accounts showed a balance against the adventurers of 2021. 16s. 4d. The proceedings, which are reported in another column, terminated with a vote of thanks to the Chairman.

At Lady Bertha Mine meeting, on Monday (Mr. J. F. Williams in the chair, the accounts showed—Balance at banker's, 1061. 9s.; and in the estimated assets and labilities for the next three months a balance of 4261. is. 7d. against the advancers was shown. A call of is. 6d. per share was made. The proceedings, which are detailed in another column, terminated with a vote of thanks to the Chairman.

The Eyam Mining Company, on Thursday, sold 56 tons of ore, raised

The Eyam Mining Company, on Thursday, sold 56 tons of ore, raised tring the past three weeks; and declared a dividend of 1400!. (11. per share.)

Llwynmalees Mine sampled 25 tons of silver-lead ore on the 3d inst.
At Pembroke and East Crinnis, within the last few days, a most imperantimprovement has taken place. The lode in the 112 has been cut in a more than average good quality ore; there appears every prospect of the lode holding out, and should these anticipations be realised, the value of the adventure will be materially enhanced.

At Rosewarne Consols some black oxide of copper has been discovered

work appeares of 30 per cent.

The Mariquita and New Granada Mining Company have received advices to Aug. 1:—Santa Ana: The cost for July was \$10,885; returns, \$17,650.—Funna: Cost, \$5374:: returns, \$3721.—Manaro: No returns received.

The Wildborg Great Consolidated Mining Company have a report, dated cen::—We have dressed and sampled 124 tons of silver-lead ors, estimated at 45 per cent, and tons of copper ors; we have also 10 tons of copper regulus ready to be satisfied and the property of the safety of the safe

exit away in a day or two. We have taken the Englishmon from the deep cross-cut adopt them in the Ers Kammer sink, where they are now employed preparing for sink; of pump work, which we intend to work from the main rod in Carter's shaft. The Lusitanian Mining Company have advices from their agent in Portago 19 and 1

speck for us.

The Worthing Mining Company have advices from their acting manager both Australia, to July 13. In reference to the Bremer Mine the following exects highly satisfactory: — "It is now our pleasing duty to inform you that the str is now reduced 3 or 6 ft. below the 5 fm. level, spoken of in our first report of a mine; and that Crpt. Emrify had examined the send ...dh had discovered a rich such of mileable and gray ore making on the western wail of the lode, and by following a bort distance had increased to 9 or 10 in. in the bottom, and dipping north; was not known before; since that the bottom of the 5 fm. level has been cleared, and found to contain very fine ore, stones of which we have now in the office, and for confirming the truth of the report which guided us in this selection. Our nist now is to see the old working in fork and cleared up, that the lode may be extended and reported on in the 10 fm. level. We have no hesitation in saying, from a confirmation we are now in possession of, that agod tribute jutch will be let imited by the service of the continuous of the service of the confirmation as a confirmation, and that we shall make you a shipment of ore this session. We have spileation from a party of tributers to take a pitch on a lode of the set of the working now spoken of. Capt. Remfry will take an opportunity, as a cleared, of examining it, with a view of immediately bringing it into work."

In Foreign Mines, the principal feature throughout the week has been oreign Mines, the principal feature throughout the week has been had all Ray hares, which have improved 14, the recent reports having been corable. Linaces have also been in demand at about 5s. higher. United have exhibited an upward tendency, and were dealt in yeaterday at 33; sprice being 3% to 4. Cobre Copper were rather lower, and terminated at the quotations will be found in the usual column.

Miscellaneous Shares, the market has been full, and only a few has here been officially recorded. In Joint-StockBanks, although the market rices have been maintained: the value of these securities will be found quoted mother column.

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solver column.

in Sheffield correspondents (Messrs. E. Smith and Son) report a condianctivity in the mining share market. Chapel Dale shares in good demand,
foren, but no sellers. Brightside Mine is looking better, but the money availfied dividend has been appropriated towards the purchase of a new segirie. Eyam
there in good work, having raised about 57 tons of ore-daring the past three weeks.

Derbyshire shares have been rather more in request, and done at 24, at which
there are now sellers. No alteration in Crafmant, Frince of Wates, or Peak

&. Local banks and gas shares very steady, in spite of the increased stringency
to money market.

money market.

Hull correspondents (Mesars. T. W. Flint and Co.) report that the counts from America, coupled with the previously existing dull state of things ly, have caused prices to recode, and there is very little disposition to buy, ex
Givernment stocks, and those only to a very limited extent.

ceting of the British Association for 1859 is to be held at Aber-General Sabine has received from Sir James Clark a communication ex-ewillingness of the Prince Consort to accept the office of president when topseed to him by the council next year.

number of engines reported in Browne's Cornish Engine Reporter is 46. The average duty of 10 pumping engines is 60° million ibs. lifted 1 ft. the consumption of 1 cwt. of coals; the average duty of even rotary whim is 31° million ibs.; and the average duty of the stamps is 51°6 million ibs.

RAILWAY TRAFFIG.—The Traffic Returns of the Railways in the United Kingdom for the week ending Oct. 3, smoonted to 507,551/1, and for the corresponding week of 1856 to 483,737/1, showing an increase of 20,814/1. The gross receipts of the eight railways having their termini in the metropolis amounted for the week ending as above to 216,551/1; and for the corresponding week of last year to 216,031/2, showing an increase of 630/1.

The increase on the Eastern Counties amounted to 1316/1; on the Great Western to 960/1; on the London and North-Western'to 1870/1; and on the London, Brighton, and South Coast to 151: total, 4319/1. But from this must be deducted 2804/1, the decrease on the Great Northern; 20/1 on the London and Blackwall; 355/1 on the London and South-Western; and 250/1, on the South-Eastern—together, 3529/1: leaving the increase as above 530/1.

The receipts on the other lines in the United Kingdom amounted to 290,700/1, and for the corresponding period of 1856-to 270,700/1; showing an increase of 19,904/1 in the receipts of those lines, which, added to the increase on the metropolitan lines, makes the total increase 20,814/1, as compared with the corresponding week of 1856.

the total increase 20,814f., as compared with the corresponding week of 1856.

Minerals and Heavy Goods by Rail.—At the quarterly meeting of ironmasters at Birmingham, on Thursday, it was stated in the Hall that tenders had been made by several of the principal firms of the district for extensive supplies of South Staffordshire iron for London and Liverpool houses connected with the East Indian, American, and Australian trades, but that their acceptance was delayed and injured by the competition now existing between the London and North-Western and Orost Western Railway Companies for goods traffic. These supplies, if contracted for, were intended to be continuous for some period, but in consequence of present low prices, the London and North-Western Company decline to enter into any contract for the conveyance and delivery of goods except from day to day at those reduced rates; and thus great damage is done to the manufacturing interests of the neighbourhood. The ironmasters admit that the reduced tariff cannot pay the railway proprietors, and that at some day, sooner or later, there will in all probability be an advance upon the rates exacted provious to the reduction. There is no question that conveyance is no mean item in an ironmaster's contract; and as the question now stands, the greatest difficulty is experienced in coming to a satisfactory arrangement with their London and Liverpool correspondents.

All parties appear to consider that present rates can only be temporary—as existing only from day to day—but in the meantime the future beavy trade of the district is considerably damaged. The ironmasters and merchants appear folly to understand how the question stands, and state that the present raffic stariff, which has been in existence now for about a month, is a great inconvenience and annoyance to the trade. Such was the conversation in the Hall; and in these opinions most of the influential ironmasters present appeared to concur. The reduction of charges for the conveyance of South Staffordshire manuf

THE TIN TRADE,-Messrs. Von Dadelszen and North state that "Tir

LAUNCH OF A SCREW STEAMER AT CARDIFF.—On the 5th inst. the Lady Bute, a serew steamer of 30-horse power, was launched, with her regimes on board, from the building-yard of Mr. R. H. Michell, being the first steamhoat ever built at Cardiff. A large number of people assembled to witness the launch, which was very successful. She is intended for Channel towing, for which there is an increasing demand by the larger class vessels frequenting this rapidly-increasing port.

New Collieries in Duhham.—Some idea may be gained from the subjoined statement of the rapid manner in the which the coal-fields on the Auckland branch of the North-Eastern Railway, and the district, are now being developed:—Mesers. Cochrane and Co., are shiring at Sleckburn, on the Dearness Valley Railway, a tributary of the Auckland branch; Mesers. Straker and Love are opening out a colliery near Brandon, on the Auckland branch; Mesers. Straker and Love are opening out a colliery near Brandon, on the Auckland branch; Mesers. Straker colliery, near Cow, Law, the Black Boy new winning will come into operation immediately; and Mr. Pease will be ready at Stanley Colliery, near Crook, as soon as the branch railway is completed, and also at Brandon Colliery, on the Dearness Valley. These new collieries will form, in the aggregate, a very important addition to those already in operation. Some of them are on a very extensive scale.—Sunderland Herald.

Interresting Experiment.—Into a small retort place an ounce of strong

INTERESTING EXPERIMENT.—Into a small rotort place an ounce of strong liquor of potash—that is, pure potash dissolved in water, together with about a drachm of phosphorus. Let the neck or beak of the retort dip into a saucer of water, say half an inch deep; now very gently heat the liquid in the retort with a spirit-lamp until it boils. In a few minutes the retort will be filled with a white cloud, then the gas generated will begin to bubbe at the end of the retort; a minute more, each bubble as it issues from the boiling fluid will spontaneously take fire as it comes into the air, forming at the same time the philosopher's ring of phosphoric acid.—S. Piesse.

RECORDS OF MINING AND METALLURGY.—Under this title, Messrs. Phillips and Darlington have published a volume, which contains a vast amount of information, exceedingly valuable to those engaged in mining pursuits, and of much general interest. The work abounds in "facts and memoranda" for the use of the mine agent and smelter, to whom it will form a convenient book of reference: besides other interesting matters, the contents include a large collection of analyses of various ancient alloys; a chapter on mining machinery; another on super-heated steam; while the subject of metallurgy is very ably treated, conveying information of much value: added thereto is a paper on the Joint-Stock Acts, by Mr. W. V. Venables; and other miscellaneous information. The work of Messrs. Phillips and Darlington we consider highly creditable, and likely to come into extensive use as a handbook for practical men, and one of study for capitalists and others commercially interested in the objects to which it is devoted.

Nontwo of England Instructure of Mining Engineers.—The fifth

interested in the objects to which it is devoted.

NORTH OF ENGLAND INSTITUTE OF MINING ENGINEERS.—The fifth volume of the Transactions of this institution is now ready for delivery, and comprises the most valuable series of papers which they have yet issued. Amongst the more important are those of Matthias Dunn, "On the Besseges Coal Mines and Iron-works;" Edward Potter, "On the Murton Winning, Durham;" Nicholas Wood, "On the Converance of Coals Underground, on the Seabam and Seaton Winning, and on the Lund Hill Accident;" and John Marley, "On the Claveland Ironstone. This latter paper extends over upwards of 100 pages, and is highly interesting, comprehending, in fact, a really good history of the district, which, although well known for the quality of its produce, has bither to received far less attention, with reference to its history and capabilities, than it was fairly entitled to. The volume will be forwarded from our office on receipt of a Post-office order for II, is.

NEW FINANCIAL SCHEME. - Mr. Alexander Platt has published, through Mr. James Ridgway, a very comprehensive account of his new scheme for re-ing the balance of taxation in favour of the poor, in which his views are so acc set forth, that there is no fear of misapprehension on the part of the reader. Interested in the subject would do well to peruse his pamphlet, to accurrant for selves the practicability of his propositions.

Bridges and Girdens.—The new double part (21-22) of Mr. Wm. Hamber's Practical Treatise on Cast and Wrought Iron Bridges and Girders, as applied to Railway and other Structures, besides descriptive letter-press, contains plates of a canal bridge on the Mannbester, Sheffield, and Lincolnshire Railway; swing-bridge at Bergen, Norway; Chelsen-bridge; and Fox and Barrett's fire-proof floors.

LEAD ORES.

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100 34 200 7	Sold on t	he 3d Octo	ber.	
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Deep Level	50	14	16 6	Walker, Parker, & Co.
ditto		19	19 0	ditto
Talagre	10	16	10 0	A. Eyton.
Bodelwyddan	636	14	17 6	Walker, Parker, & Co.
Holywell Level	5	17	5 0	ditto
Brynford Hall	11	15	19 0	ditto
ditto		19	18 0	ditto
Speedwell	6	15	8 6	ditto
ditto	6	15	3 6	Newton, Keates, & Co.
Park	25	15	12 6	Walker, Parkor, & Co.
Pwilycocheon	10	15	15 0	Newton, Keates, & Co.
Pwliwheel	516	15	2 6	ditto
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AVERAGES

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British Foreign		10 15-16	£11 12 12 6	6	£126 16 121 9	0
	Sale Totals—British, 9	111%	£11 14	6	£125 17	
	Totals—British, 9	53; Foreign, 1	86=1149	tons (21-ew	rts.)	

COPPER ORES.
Sampled September 23, and sold at Tabb's Hotel, Redruth, October 8.

Mines.		ons.		rice.		Mines.		ons.			rice	
West Basset			54	6	6	Carn Brea	**********	36	*****	84	11	
ditto	********	78	5	4	0	ditto	************	83	*****	0	12	8
ditto	*************	68		18	6	United Mine				8	13	0
ditto	************		12	10	0	ditto	************	90	*****	5	5	0
ditto	***********			12	6	ditte		40	*****	2	16	6
ditto	***********	56		1	0	Great Whea	Alfred	73		7	10	6
ditto	**************		11	17	6	ditto	***********	53		3	15	
ditto	***************			3	0	ditto	***********	22		6	3	6
ditto	**************	32		19	0	ditto	*************	21		3	4	0
ditto	***************************************			17	6	ditto	**********	19		2	17	6
Wheal Bull		102		9	0	ditto	***********		*****	15	18	
ditto	**************			16	0	Levant					14	6
ditto	*************		-	4	0	ditto			******		- 5	0
ditto	**************			16	6	ditto	*************		******	7	- 5	0
ditto	************	70		4	6	Wheal Anni	• • • • • • • • • • • • • • • • • • • •	51	******	6	18	Ä
ditto	*************	70		10	ŏ	ditto	*************		******	2	18	6
ditto	************			14	6	litto			******	3	11	0
	************	64		12	6	ditto	************	9	******	3	5	ŏ
Par Consols		. 74					**********	-		28	9	6
ditto	**********	. 70			6	ditto	***********	47	*****	13	3	8
ditto	***********	61		9	6		************		*****			0
ditto	***********	52		19	0	ditto	***********	30	*****	13	11	
ditto	************	47		17	0	ditto	**********	23	*****		10	0
ditto	**********	45		7	6	South Crent			*****	- 3		5
North Basse		47	. 5	4	6	ditto	***********		*****	. 2	13	6
ditto	************	45		- 6	0	ditto	***********		*****			0
ditto	******** ****	44		6	6	Rosewarne	************	43	*****	. 8		
ditto	*************	41	. 12	2	6	ditto	************	23	*****	10	7	0
ditto	************	40	. 6	12	6	ditto	************	15	*****	4	3	0
ditto	************	. 37	. 8	12	6	West Fowey	Consols	70	*****	10	16	0
ditto	************	36	. 6	6	6	Wheal Char	lotte	35	*****	7	11	6
ditto	***********	31		0	0	ditto	************			7	14	6
ditto	***************************************	26		17	6	ditto	***************			5	15	0
Great South	Tolens	80		14	6	Wheal Tehi	dv			8	18	6
ditto				14	6	ditto			*****	8	12	
ditto	***************************************	63	9			East Alfred	Consols		******	8	4	
ditto	*************	54	, -	6	0	ditto	4-4-4			14	10	8
ditto	*************	49			6		arvah	50	******	-0	3	6
ditto	***************************************				0	East Rosew			******	4	18	ŏ
Alfred Cons				18	6	ditto	***************************************	20	******	13		8
				10	0	Carvannall		28	******	5	15	6
ditto	***************************************	47			0		***********			16	2	6
ditto	**************	40				ditto	**********	11	*****	10	16	0
ditto	************	27		9	0	Treloweth		28	*****			0
ditto	**********	. 15			0	ditto	************	11	*****	17	11	
	ter			8	6	Halamannis		23	*****	13	0	0
ditto	*************		. 9	2	6	ditto	***************************************	11	*****	5	12	0
Carn Brea.			. 4	8	0	Camborne C			*****	3	1	0
ditto	***********				6	ditto	************	10	*****	7	9	6
ditto	***************************************		. 7	6	6	Pencorse Co			******	4	5	. 6
ditto	************	. 38	. 2	3	0	Wheal Gust	kue	. 8	*****		0	0
						West Treas	ury	7	*****	6	2	0

Wheal Buller 547	2741	18	6	West Fowey Cons	70	*****	756		0
Par Consols 349	8025	4	0	Wheal Charlotte	60	******	444		
North Basset 347	2238	1	6	Wheal Tehidy	57		500	18	
Great South Tolgus 344	2559	11	0	East Alfred Consols	53		536	14	9
Alfred Connels	*****	**		Wheal Trebaryah.	50				
Alfred Consols 341	2246	3	0	East Rosewarne					0
Nanspusker 5 244	-						339		0
Carn Brea 244	800	19	0	Carvannall	00				6
United Mines 230	945	10	0	Treloweth					0
Great Wheal Alfred 200	1198	3	. 6	Halamanning	34	******	360		ŏ
Lovant 126	706	5	6	Camborne Consols	22	*****	111		×
Wheal Anns 103	540	15	0	Pencorse Consols	20		85	10	
Botalisck 100	1999	10		Wheal Guskus	8		64	0	U
South Crenver 89	947	14		West Treservy	7	******		14	0
South Crenver ou	951	1.5	0	Mest Tienenti		499111	34	**	0
Average Standard	per to 4158 Money dard	ton		Quantity of Fine Cop	per, 6 go P	279 tor	as 8 c	wte	
			_						

TOTAL PRODUCE.

COMPANIES BY WHOM THE	ORES WER	E PHRC	HASE	n.		
	Tons.		Amor	ant		4
Mines Royal Company	126	*********	€ 892	6	0	
Vivian and Sons	308	********	1756	19	2	
Freeman and Co	103	******	196	14	6	
Grenfell and Sons	753	**********	5453	9	7	
Sims, Willyams, Nevill, and Co	488	***********	2540	14	5	
Williams, Poster, and Co	829	**********	7589	13	10	
Spitty Copper Company	309	*********	2280			
Mason and Elkington	673	*********	3409	14	. 9	
F. Bankart	139	**********	698	19	6	
Copper Miners' Company	142	**********	1395	10	6	
C. Lambert	288	*********	1333	6	6	
Total	4158		27,547	1		

NO SALE on Thursday next, 15th October.

NO SALE on Thursday next, 19th October.

Copper ores for sale on Thursday week, at the Royal Hotel, Truro,—Mines and Parcels.—Devon Great Consols 2060—Phomix Mines 486—West Caradon 327—Marke Valley 390—Devon and Cornwall 221—Bedford United 191—North Wheal Rokert 190

Holmbush 177—Wheal Edward 163—Sortridge Consols 152—Collacombe 147—Wh.
Priendship 118—Keily Bray 106—Wheal Arthur 97—Great Sheks Consols 36—Wheal Emma 72—Wheal Franco 50—Lady Bertha 37.—Total, 4988 tons. SPOOND SATE IN A

Years,	Tons.	1	rod.		Amou	nt.		1	Stand	ard.	- 4	o est	opp	er.	. 1	Cake	cop
1848	2226	***	936		\$12,548	15	0	***	£ 88	4.1		\$59	6	0	***	\$79	10
1849	1926	***	8%	***	11,587	15	6		103	7.1		70	18	0		84	0
1850	2788	***	8%		15,604	14	0		. 99	13 (66	10	0		.79	10
1851	3025		732	***	14,895	3	6		103	0		85	. 9			84	
1852	4219		714		27,983	18	6		131	8		93	18	0		103	10
1853	4365		6%	***	29,134	6	0		136	3 (96	-8	0	***	167	10
1854	5054	***	64		33,960	13	0	***	139	7.	0	98	18	0		136	.0
1855	4948	***	7	835	85,904	16	0	***	142	19	0	103	14	0		126	. 0
1856	3971	***	794		27,407	19	0	***	126	10	0	. 90	9	0	404	107	10

THE PROGRESS OF MINING IN 1856. By J. Y. Watson, F.G.S., Author of the Compendium of British Hining (published in 1843), Gleanings among Mines and Miners, &c.

The Thirteenth Assual Review of Mining Progress appeared in a Superaminent of the Mining From

A PEW COPIES of the MENIEW OF 1355, containing Statistics of the Metal Trade, the Dividends and Per centage Paid by British and Foreign Mining Companies, and the State and Prospects of upwards of 200 Mines. Aso, a FEW COPIES of the REVIEW OF 1352, 1853, and 1854, MAY BE HAD on application at Messrs. Warson and Cuell's Mining Offices, 1, 8t. Michael's-alley, Cornhill, London. Also, STATISTICS OF THE MINING INTEREST. By W. H. CUELL.

ATSON AND CUELL'S MINING CIRCULAR, published every Thursday morning, price 6d., or £1 is, per annum, contains second Reports of Mines, and the Latest Intelligence from the Mining Districts, from a exclusive resident agent; also, Special Recommendations and Advice upon all bleets connected with Mining, and interesting to investors and speculators. A scord of Daily Transactions in the Share Market, Metal Sales, and General Share late, &c. Edited by J. Y. Watson, F.G.S., and published by Warson and Cuell, St. Michael's-alley, Cornhill.

N.B. Looking at the causes for the present depression in mining shares, Messers, Farson and Cuell, have made a efection of a few dividend and progressive mines pay good interest, with a probability, also, of a rise in value, the names and parculars of which will be furnished on application.

INVESTMENTS IN BRITISH MINES.—
Mr. MURCHISON'S REVIEW OF BRITISH MINING for the QUARTER
ENDING 30th June, 1857, with Particulars of the Fosition and Prospects of the
principal Dividend and Progressive Mines, Tables of the Dividends paid in the past
Quarter, and in the Years 1855 and 1856, and a MAP of the GREAT WHEAL VOR and
LELANT MINING DISTRICTS, &c., is now READY, price 1s.; at Mr. MURCHISON'S
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T. IVES, LELANT, AND TOWEDNACK MINING DISTRICT.

—Mr. TREWEEKE begs to inform his friends and the public generally that his MAP of the above DISTRICT, and a STATISTICAL ACCOUNT thereof for the past 39 years, is NOW READY, and will immediately be sent to any party who may require a copy, on the receipt of 14 postage stamps.

Dated Uny Lelant, Hayle, Aug. 7, 1857.

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ECORDS OF MINING AND METALLURGY
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HOPTON'S PLANS FOR VENTILATION OF COLLIERIES; showing separated Winds, that will Prevent all Serious Explosions in Coalines. On the same sheet, the Works and ventilation of the Lund Hill Colliery are spresented. Frice 3s.

May be hud at the Mining Journal office, 26, Fleet-street, London.

A notice of Mr. Hopton's invention appeared in the Mining Journal of 20th June.

PATENTS, SEVERAL THOUSAND: A CLASSIFIED CATALOGUE OF SUBJECTS; with ADVICE TO INVENTORS ON PATENTS, CAPITAL, AND CONTRACTS." H. Direcks, C.E., Patent Agency Office (Established 20 years), 32, Moorgate-6/

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idilitors, Secretaries, Officers, and Creditors of alt kinds of Joint-Stock Companies.

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By TRUMAN TAPPING, ESG., Barrister-at-Low.

t, and all necessary forms.

By Thomas Tapping, Esq., Barrister-at-Law.

Author of the "Readwin Prize Essay on the Cost-Book System," &c., &c.

London: Mining Journal office, 25, Fleet-street; and all booksellers.

Batices to Correspondents.

• Much inconvenience having arisen, in consequence of several of the Number during the past year being out of print, we recommend that the Journal should be regularly filed on receipt: it than forms an ascumulating useful work of reference

BATING OF MINER.—The session has been some time over, and I, as well as many others, have been in expectation of some emanation of opinion from the "Miners' Committee" appointed last year. I had certainly thought that, under all circumstances, they would have felt it but just to issue to the mining commanity a report of their views on the evidence adduced before the committee of the House of Commons. Nothing was done prior to the last meeting of the session, and I presume that this present recess will be dawdled away in the same unprofitable manner. No account has been rendered of the funds that have been collected. An apologist for their inertia during the session stated that they were waiting to see what the committee would do; and as soon as they received their report, then their time would come for action. It has arrived. What are they now doing? I give them his answer—"Thinking, but not seting."—Prox and Gap: Oct. 5.

ms asswer— 'anaking, but not seting.'—Fick and Gal: 'a. 5.

Miniso in Exelant.—Having seen a paragraph in the Journal of the 3d inst., stating that the Coosheen Mine (Schull Bay) was about to be worked under my management, I beg to observe that if your correspondent had stated a steam-engine for pumping in-tead of a steam-pump (which I suppose must be a new invention) was required to drain the enine of water, he would have been right. I will thank you to insert this note in the next Journal.—W. Thomas: Oct. 5.

insert this note in the next Journal.—W. Tromas: Oct. 5.

Ticketing Dirange Expenses.—I am right glad to see that somebody is found to "bell the out" about amplers' charges and ticketing ainer expenses, as they are really too bad. At the last ticketing at Pool, only two horses were in the stable, yet the charge in the bill was no less than two gaineas—about the value of the horses themselves. Now, if the landford could only have a few horses like these every day, he would indeed have a rick mine. Then, the other charges were pretty much the same, though not so barefaced. I hope, Sir, you will continue to publish such facts, and endeavour to modify this evil. But the samplers' fees are even worse than the horse charges—they are far more expensive creatures than the poor hay and-corn-cating and water-drinking animals. They prefer a good beefsteak and bottle of porter, with glass of grog, when they some to the mine—aye, and get it, too, or else we get black looks. Where adventurers are particular about count-house expense, we frequently have to pay for it out of our own pockets; and when we are screwed down to 6f. fis. a month, we can ill afford to entertain these gentry, and their horses, too. We would do so willingly, if we could charge a guinea a head, as they do at ticketings.—A Miss Carrann: Red with, Oct. 6.

head, as they do at tick-tings.—A MISE CAPTAIN: Redrwin, Oct. 6.

BRITISH AUSTRALIAN GOLD MINISH COMPANY.—I presume, from there being an office and a secretary, that there is still some little to divide. It is useless to imagine that we shall ever obtain anything from the other side: would it not be more prudent at once to wind-up, and distribute what little there yet remains among the shareholders? I am aware that this can be but a more trifle. I am induced to propose this, sa, while there are some funds in hand, we may then be able to arrive. at what the liabilities of the company are. In many instances, when all the capital is expended, the directors who have mimanaged the property generally modestly ask for contributions to pay up the debts incurred.—K.: Gef. 6.

Box Accord Company. — What steps have this company taken as to the appointm of their officers; and what machinery, if any, has been sent out? It is only right the shareholders that they should be advised as to progress made. — A Subscribe.

or unsir outsirs; and what muchinery, if any, has been sent out? It is only right to the shareholders that they should be advised as to progress made.—A SUBSCHTER.

ANGLE-GATIONIANS GOLD MINING CONFARY.—It appears that the directors and liquidators of this defearet company have coalesced, and that the former intend, on payment of the sum of 3s. per share, to guarantee the shareholders against any further liability. I would caquire whether, at the meeting, when the property was transferred to them, did they not do the same? Had the Californian Quarta Consolidated Company never been formed, should we have ever heard of any claims upon us? I frow not. The great question to be settled is this—some one must discharge the liabilities, but it is difficult for laymen to decide who these are. Mr. Coombe and his section are of opinion that it should be the directors. He is a solicitor—so is one of the liquidators; while in the direction we have two barristers, one a conveyancer, and the other practising at the common law bar. Surely, with all this legal array, some definite and correct solution should be arrived at. It appears, however, that at hast we are to preuse the accounts. Every year a balance-sheet wasput before us, and amounts were charged for mining expenses, de., in California: Capt. Davies, of Chacewater, who was there some time with Sir H. Huntley, has stated that, at the period he left, not more than 100f, had been expended on legitimate mining, although the shareholders here had been debited with some thousands. I hope we shall have the youchers for travelling expenses, horsen need for purposes of pleasure, and the hostel billast San Francien, together with Sir Henry Huntley's two uteless and expensive journeys, all chumerated, so that an opinion may be arrived at as to how the money was squanisered on the other aids, in addition to the mode in which it was frittered away here.—Lex: Leedy, Oct. 5.

GLOSZART OF MINIMG TREES.—The last edition of our Gloszary of British and Fereign Mining and Smelling Terms being now entirely exhausted, we intend to publish a new one, and should therefore feel obligad for any secrections or additions which our correspondents may supply. We shall endeavour to render the treatise even more worthy of the support which has been so liberally accorded to it than berestofere, by the careful revision of the whole, and the insertion of such other terms as have come under our notice since we last published.

MINION CORTAGE 2012 By should apply to the office, St. George's-chambers, New-

replanation be given.—H. K.: CUS, Oct. 6.

Ventilation or Mines.—As we have now had the views, both of Mr. Hopton and Mr. Wales, clearly set forth, practical men can have no difficulty in forming an opinion as to the relative merits of the inventions. To Theoreticals connected with coal mining, I am sure any discussion between practical men would be read with great interest, as they feel all the responsibility which attaches to them, and at the same time are aware that they have not much power to remedy the evils.—C. F. 4.

S. T. W." (Workington).—The parties engaged to superintend works either in foreign countries or the colonies are generally supposed to be men of superior intelligence, and possessed of higher capabilities than the average operatives. In general, companies, when they require the service of such persons, advartise for them; the principal man, or foreman, usually ciects those who are to form his staff, and carry out the undertaking. The mechanical and rough part of the labour, which does not necessitate any great skill, in nearly every instance is performed by native hands. It is not, however, always the rule that the most competent men are appointed; much depends upon interest, favouritism, and other circumstances, which may, in a good many instances, be controlled by unseen influences.

RURRORT COAL COMPANY—"E. T." (Brighton).—The meeting will be held in Parls on Monday. The company may be considered private, as several attempts have been made to est belish it in this country without success, but information can be obtained at 31, Threadneedle-street.

made to est bilsh it in this country without success, but information can be obtained at 31, Threadneedle-street.

CAL PITS, WELLS, AND MINE SLAFTING, &C.—I have read the observations made by "J. W.," and all I can say is, that if he, or any other gentleman possessing means: thinks any one of my inventions deserves ensouragement beyond that of others, I shall be grateful and obliged by support or patronage of such selected object. But its hard to bind me down to one single lies or suggestion, and if I had but one such to offer what merit or credit could I take as an inventor! "J. W." says, "There is a place for everyching." This is so broad a fact that it is indisputable; but how to get the right things into the right places is the difficulty; and it is so with men as well as mechanical inventions. Give me the opportunity to place my blocks at work in the under-abore tunnels, as sewage channels for the Thames or London sewage waters, and I will prove that the embanked wallings over, and the conversion of the sewage into useful manure (by Collins's patented chemicals) are plain facts, and are all requisite to co-operate and work together, if any real good is to be done. I will then show him that indurated sone, or blocks of indurated concretes and bius bricks, are (although not my invention) the material I would recommend and adopt for the construction of sewer works, &c.; so that one and all of the supposed varying objects of my conversation with him are concentrated in one great end and purpose, and are necessity to each other, and that no real men of business will find fault with proper explanations, if they have only the patience to listen to a plain statement of facts. Another fearful accident, and loss of four lives, by collapse of a brick-lined shaft, near Manchester, during the past week, only proves the dire necessity of immediate and proper remadies for these constantly occurring evile, which are destroying lives and proper remadies for these constantly occurring evile, which are destroying lives and p

r. John DEL REY MINING COMPANY—"F. C." (Windsor).—The improvement in these shares may be accounted for from the fact that it is considered they have go-over their past difficulties; and, according to the last advices, the profit for July was 501. Ils. 56.—the loss for June was 11011. Ids. 7d.

was 504. lis. 5d.—the loss for June was 11916. 14 ss. 7d.

TREATMENT OF COPPER ORE.—In reporting the meeting of the shareholders of the
Arundell Copper Mine, you stated that a process invented by Mr. Reid was described, and certain proposals made for testing the practical value of the invention
for treating the poor ores produced at the Arundell Mine. Now, as at the present
time poor ores only are raised, and those in but comparatively small quantities, the
value of such an invention must be apparent to those who have to pay calls for
working the mine, and defraying the logal expenses incurred by the greatlemen at the
head of our affairs; but, as far as I recollect, the report published in your last Journal as nearly as possible corresponds with one which you inserted many months
since, with the exception that Mr. Reid's name has been substituted for that of Mr.
Bursill's. If the mine is really to be worked, would it not be advisable to wind, up
the present company altogether, and found a new one under the Limited Liability
Act, to properly develope the mine!—AN OLD SHARKHOLDER: Oct. O.
MEXICAN AND SOUTH ANKRICAN COMPANY.—We have reason to believe that every information in connection with the affairs of this undertaking can be obtained of the
secretary. "A Shareholder," and other correspondents who have addressed us,
had, therefore, better apply to the office.

MINIO IN THE ALES.—We had some short time since several announcements made.

had, therefore, better apply to the office.

MINING IN THE ALPS.—We had some short time since several announcements made, through your Journal, that immense fortunes were to be realised by embarking in mining enterprise in the Alp; but, upon there being a probability of a discussion between Mesers. Bagtoni and Maligny, the enterprise rapidly sunk into oblivion. Probably, by their each knowing the district and position of the mines well, it was feared that they might impart too much of their knowledge to the public, and thus spoil the chance of again bringing the similar adventures forward as a channel for unthinking capitalists to invest their money in. This is, of course, the opinion entertained by those who have only published facts to draw their conclusions from Those interested should take steps 1; remove such impressions, especially if, as 1 have learned from other sources it it, the property is really not only valuable, but of extraordinary promise.—G. B.: Paris, Oct. 7.

R. D. (Walcot).—The district in which the Caradon Mines are situate is Liskeard.

have learned from other sources it is, the property is really not only valuable, but of extraordinary promise.—G. B.: Paris, Oct. 7.

18. R. D. "(Walcot).—The district in which the Caradon Mines are situate is Liskeard, there are no other unies of the same denomination in the county. Our correspondent probably has been mistaken in the name of the locality. Heports of the different mines will be found under their several heads.

ASTURIAS MINING COMPANY.—We are told that at the end of September Senor de Grimaldi would forward the remaining instalment due to the shareholders of this unfortunate association. I had expected to have seen a notice to this effect, or this Mr. Kenneth Mackeozie, the liquidator, would have made some announcement, informing us why it was further deferred. Judge my supprise, on enquiring at his offices, to hear that he is in Scotland. Is it incumbent that every Caledonian should. Ilke Lord Pammure, go to the moore and shoot grouse, while their unfortunate clients are waiting their pleasure! This matter ought long since to have been settled, and I trust that as the time is now more than elapsed, the liquidators will take such energetic stops as will not allow us to be further defrauded of the miserable installment of the magnificent property of which we have been despired.—M. P.: Oct. & LINARES LEAD MINING COMPANY—"G. H." (Devonport).—In consequence of the falling off in the supply of fuel at Linares, it is intended to erect new smelting works near the city of Cordova, as several coal fields are in the immediate vicinity. The railways from Scribe to Cordova is nearly completed.

The Allerger France.—I perfectly agree with your remarks that the late exposure at the content of the co

works near the city of Cordova, as several coal fields are in the immediate vicinity. The railway from Soville to Cordova is nearly completed.

The ALLBORD FARTD.—I perfectly agree with your remarks that the late exposure at the Mansion House must tend to inflict no inconsiderable amount of injury on mining in general. No person likes to have his private affairs drugged into a public court of justices, nor is it pleasant to let the world know how one has been vicinised. Individuals may pay heavy rates for accommodation, and are sometimes compelled by the force of circumstances to come in contact with people of questionable character, but I believe the late exhibition is the first on record of any one, mersly tugratify the mains animus of another, endeavouring by his own statement to heavontempt and obloquy on himself.—Scart: Convibil, 664. 6.

The ALLBORD FARD.—We have received several communications on this subject, many of them reflecting in such strong terms on the conduct of the plaintiff that their insertion was inadmissible, and could tend to no other purpose than that of fostering an injurious and irritable feeling. The highest tribunal in the City had decided that Mr. Stockwell was guilty of an error in bringing the charge of contemporary against Lord Clinton and Mr. Jeffree. There was no defence offered, and the plaintiff was adjudged by his own evidence. There are few individuals whe would voluntarily prefer undergoing such an ordeal as that which Mr. Stockwell weak of the plaintiff was adjudged by his own evidence. There are few individuals whe would voluntarily prefer undergoing such an ordeal as that which Mr. Stockwell passed through in the witness-box. In our remarks, we stated this was one of those cases which, happily, were but "few and far between." and that Prokers could be found who transacted business in a fair and equitable manner. We admit, will "Semper Fidelis," That among mining brokers, as well as in other professions, ther are to be found biack sheep; but it is a great injustice that are to be found black sheep; but it is a grea? Injustice that a respectable body of men should be accused, because some individuals have been guilty of faults of commission and omission. The circumstances attending this affait were of a peculiar nature, and more particularly concerning the one mine—Wheal Zion. One person cannot be charged with conspiracy; it was necessary, for an object, there should be two, and hence Lord Clinton's name was unjustifiably brought into question Mr. Sleight stated at the Mansion House that the case would not rest there, and we must, therefore, presume that in another court the late defendants will obtain that redress their suit demands. We cannot help thinking that Mr. Stockwell was very ill-judged and evil advised in bringing the case before the public; hitherto it has not redomised very nuch to his credit. He will now be the defendant in a civi action, and further discussion would be useless and premature until that is decided We again repeat our regret that such an affair should have occurred to bring disrepute upon mining; but, at the same time, we must express our opinion that this singular and unprecedented circumstance ought not to depress mineral enterprise. B. C. "(Diblemann).—The secretary of the Bombay, Boroda, and Central India.

A. R. C." (Dolbenman).—The secretary of the Bombay, Baroda, and Gentral India is Mr. Charles Kennedy; East Indian, Alderman's-walk, Mr. D. I. Noad; Madras 33, Broad-street, J. Walker. There are several projected railways for India, but is questionable now, under the present aspect of affairs, when they will be carried out. The offices of the Calcutta and South-Eastern Railway are at 7, New Broad street, E.C. The sessetary is Mr. George Poynts Stoddard.

street, E.C. The secretary is Mr. George Poynts Stockard.
WALLER GOLD MINITO COMPAYL. A disappointed speculator complains that he has written everal letters to the secretary, who has never vouchasfed to answer them. He further states that the only person to be seen at the offices was a boy, who was minding them, but who could give him no information of the prospects of the company. Our endeavours have been equally as fruitless on other occasions; a letter to the Chairman might be answered. Gold mining companies in general have: different mode of transecting business to other associations; this is generally practised, although it is totally unrecognised.

information, on the prospects of those properties which are not dividend, sayin but considered as progressing thereto. It is not our intention to be in any any vidious; our course will be guided by circumstances as they occur, and we sha notice those mines which appear at the period to possess the greatest interest with maining public. By so doing, we hope to be eaabled to ad the cause of with mate mining enterprise, and we trust this may possibly seem, which will in some degree help to remove the stigms which has been cast upon mining adventure by the ill-advised conduct of some of the connected with it.

THE MINING JOURNAL

Railmay and Commercial Gagette.

LONDON, OCTOBER 10, 1857.

We have ever urged the vast importance of statistical information to the mining community, and it is with considerable pleasure we refer to the returns published in another column of this day's Journal. Ten year nce, returns were issued from the Mining Record Office, and we are glad to find that now Mr. Robnar Hunr, to whose indefatigable exertions may be attributed the happy result which has been arrived at, is enabled, in the mineral statistics for 1856, to embrace every important branch of our mi

mineral statistics for 1856, to embrace every important branch of our mineral industries. The enquiry has reached a stage of completeness which allows this to be done with a degree of correctness not hitherto attained; and the relative value of our mineral productions in 1856, and two preceding years, can be satisfactorily estimated.

In 1854 the Devon and Cornish tin mines produced black tin to the extent of 8747 tons, which in 1855 had increased to 8947 tons, and in 1856 to 9350, being 603 tons more in 1856 than in 1854. The rise in the price of tin within the same period, of course, caused more than a corresponding rise, the estimated rise being—in 1854, 559,808L; and in 1856, 663,850, From the high price of the metal, there has naturally been considerable activity in the tin mining districts. The importations of tin have alse greatly increased.

From the high price of the metal, there has naturally been considerable activity in the tin mining districts. The importations of tin have als greatly increased.

The copper mines of the United Kingdom produced of metallic copper 19,717 tons in 1854; 21,295 tons in 1855; and 24,257 tons in 1856. These figures may be considered as almost absolutely correct, since they include the quantities sold at the Cornish and Welsh ticketings, and the purchased by private contract. The fine copper produced in 1856 was beinged from 278,792 tons of copper ore yielded by the mines of Grat Britain and Ireland—the money value of the ore being 1,744,5161. This exhibits, in 1856, an increase in our production of copper of 2963 was over 1855, and of 4540 over 1854. The money value of the copper produced at our British smelting works was 2,330,000!. in 1854; 2,860,001 in 1855; and 2,840,000!. in 1856. The mean average market price of the several varieties of metal was in 1855, 130!. 5s.; and in 1856, 125!.

During the year under consideration, 400 mines sold lead ore, and the quantity of metal produced was but 40 tons more than in the precessing year; the figures being—73,091 tons for 1855, and 73,129 for 1856. Our importations have, however, been considerably larger in 1856. The mean value of the lead ore in 1855 was 1,311,971!, and in 1856, 1,431,501. the actual market value of the lead smelted being 1,692,055!. in the former year, and 1,755,096!. in the latter; to this must be added the silver attracted, which in 1854 amounted to 562,659 ozs., worth 140,666!; in 1855 to 561,906 ozs., worth 140,476!.; and in 1856 to 614,188 ozs., well 1855 to 561,906 ozs., worth 140,476!.; and in 1856 to 614,188 ozs., well 153,547!. In 1855 we imported 7222 tons of silver ore, producing 2,112,246 ozs. of silver; and in 1856, 6636 tons, which gave 1,748,735 and of metal.

For many years the demand for English zinc ores was very small; but

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2,112,246 ozs. of silver; and in 1856, 6636 tons, which gave 1,748,735 m of metal.

For many years the demand for English zinc ores was very small; bit the sulphides having become more valuable, they have been raised at sold in larger quantities, the produce for 1856 being 9003 tons, which yielded 27,446. The importations of zinc have declined. During at year we exported 3153 tons of British zinc, against 2516 tons in the pseeding year. The returns of british zinc, against 2516 tons in the pseeding year. The returns of fron pyrites, arsenic, &c., are far more ospiete than any hitherto published.

The returns of the produce of the iron mines, which may be considered as a close approximation to the real yield of the iron-producing districted the United Kingdom, show that 10,483,309 tons of ore have been raised and that 3,566,377 tons of pig-iron have been produced. The prices which iron ores have realised have varied from 5s. to 15s. per ton, according to quality—the mean average being 11s., which will give 5,695,815l. site value of the iron ore produced in 1856. The money value of the pig-irat taken at the mean average market price, was about 14,545,500l.

A considerable increase has taken place in the quantity of ooal raise the figures for 1856 being 66,646,450 tons, which was worth at the pimouth 16,663,862l. There has been an increase of 1,000,000 tons it of export of this mineral, and the quantity sent coastwise is larger than any former year. Among the smaller articles, salt, iron pyrites, small barytes, and fluor-spar, show a much higher value than they were gerrally thought to possess.

The great mineral wealth of the kingdom is apparent from the above statements, which show that the value of the minerals produced dust the year amounted to 27,559,844l.; to which must be added the value of the manufactured metals was 20,434,270l., which, with that other mineral products (including building stones) as 37,783,021l. Is another column we publish a more detailed epitome, and in future low nals shall give a comp

The late fall in the standard, we presume, is merely one of the issue countrie movements on the part of the smelters to let the miners in eccentric movements on the part of the smelters to let the miner has there are such people as copper ore buyers in the world, who have post and will use it; just as ship captains flog the boys now and then, to let them alive, and let them know "who's who;" or as a bustling how wife gives the servants a little "cold tongue" perodically, to infort them her temper is not dead but sleepoth. We see nothing to be applied to the people of copper ore are short, the demand for copper great and got the ore when sold is weighed off and shipped with unexampled spand that the supply of ore is not likely to be considerably augmental that we know as facts, and, therefore, cannot but conclude the falls we have before said, is but temporary and capricious.

There is much more to be complained of than the fall in the standard that the supply of the complained of than the fall in the standard that the supply of the complained of than the fall in the standard that the supply of the complained of than the fall in the standard that the supply of the complained we stated the tribetion.

at the ticketing. Our correspondent, whose complaints we stated week, is but one example amongst many of similar nature—sam week, is but one example amongst many of similar nature—sample charges. We this day insert a letter from Redruth on this subjection which the charges are so outrageous and glaring, that attention should for right sake called to it, even should the samplers put in the claim "vested rights" for protecting their enormous fees, complimentary compulsory. These "vested rights" will soon, we trust, like many occurrences so called, be numbered with things of the past—amongs category of rotten boroughs, coachmen and guards' fees, extra sixper to obsequeous, deceitful servants, &c.

category of rotten boroughs, coachmen and guards' fees, extra axyon to obsequeous, deceitful servants, &c.

If their salaries be not high enough—Heaven save the mark!—
smelters can afford to raise them; but to mulct a small struggling in enormous fees for sampling, weighing off, &c.—to oblige the miner parties, whether attended or not not seen of the coachment productive of great good, and should not be discouraged or disc but let it be confined to something like moderation. Evils

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care themselves; let us trust it will be so in this case. Miners and samplers may both dopend upon stour sole object is the benefit of both. We argue that the sampler should be handsomely paid, rendered perfectly independent in his position; he then would be spared as being the semi-brided individual he now is considered, whether he think himself so or not. To the miner it would be a relief, as small parcels would then be freed from the heavy costs which keeps many out of the market—sampling, ticketing, and weighing off being a bore. We have known gentlemen so disgusted at seeing them in the cost sheets on small lots, that it has soured them, and confirmed their opinion (though a false one) that they were the victims and prey of a rapacious set of miners, smelters, st her genus opins.

they genus oness.

We since rely hope that some improvements will be made to mutual alvantage, more in accordance with the spirit and tasts of the times, so as to provent a repotition of exposures such as we have lately felt it our duty to publish to the world.

It grieves us sincerely to hear on all hands but one opinion of the exhibition of the ROYAL CORNWALL POLYTECHNIC SOCIETY, lately held at Falmouth—that is, the expression of regret at the paucity of models for improvements in mining machinery, there being not one displaying novelty or particular merit. True, ZENNER'S rotating buddle was there, and the model of a crusher, well executed; but there was nothing new, nothing displaying that original capacity for invention the Cornish have so long been distinguished as pre-eminently possessing; none of the exquisite models of working machinery so often displayed, which, even if they consisted of nothing else, were remarkable for the splendid workmanship of their constructors.

been distinguished as precentified possessing, holded the ven if they consisted of nothing else, were remarkable for the splendid workmanship of their constructors.

Nor were the class of visitors we could like to have seen present to be found;—that is, they for whom these benefits were originally intended—few or no miners, few or no captains of mines. There was the numerous display of beauty and of dress, there was the venerable Chairman, a few of the Fox family, but not that galaxy of seems we have sometimes seen. The pictures, too, were very good, but as we only looked on the exhibition with miners' eyes, we could not shut them to the fact of a great falling off in the real utility of the institution.

We cannot persuade ourselves that this county, which has produced Tarythioxs, Vivians, Hornblowers, Hunts, and other illustrious men, is exhausted of its talent or its greatness. We fancy that the exhibition is not made so attractive as it should be to the working men, sengest whom a vast amount of mechanical ingenuity is found. It has also struck us that the rewards are too small to make them worth contending for by persons of this class. It would be a misfortune indeed were the institution to be allowed to languish for want of mere pecuniary sasistance, which we think is the least of the evil, or the worm beneath it. Were it so, an appeal to the Juohy would doublest meet a respond that would remedy the evil on that score; and we suggest, if a day were given to miners on which they can visit the place gratis to hear the addresses, it would be good: at all events, it is patent to the most casual observer that the interest ones excited is dwindling, and if not regenerated from some source must and will become extinct. There are plenty of subjects for premiums, the which, if they were higher, would certainly cause competition. The premiums should be doubled, or even more than that; then would the working man be encouraged to hope for, and endeavour to obtain, that which would repay him for his outlay. Such haubl

sering worth, which shall add dignity to the institution, to the county, and fame to the inventor.

We close these remarks by hoping they may be successful in exciting a movement to greater exertion and energy on the behalf of the management and of the public. No institution deserves more from the country generally, and the Duchy in particular; and we do hope and trust, if pecuniary matters at all interfere, that an energetic and proper appeal to that source will be made, as the institution eminently deserves it.

By the Omagh, from Port Adelaide, via Singapore, we have received alviess from Adelaide to July 15. The Legislature was to re-assemble for the dispatch of business on the 21st of the month, and questions of great colonial importance were to be brought forward—amongst others the Waste Lands, Postal Communication, and Education Bills. The discovery of fertile lands and freshwater lakes between Lake Torrens and Mount Serle, which are represented as forming a perfect paradise, is confirmed by Captain Frencho, R.E., and announced in the Government Gasette. General satisfaction was expressed, and the colonists seem to be in a state of great exultation in consequence.

Railway extension was a subject of general discussion by the colonial press and the public, and a portion of the journals argue that Government should offer guarantees of 7½ per cent. to private companies, as an inducement to capitalists to invest their money in the construction of these undertakings. The line most desired is said to be that from Adelaide to the Murray River.

ment to capitalists to invest their desired is said to be that from Ademand detakings. The line most desired is said to be that from Ademand detakings. The line most desired is said to be that from Ademand of the great extent of her mineral deposits by the discovery of copper mines. Another is meationed on the present occasion, but, at the same time, it is said that hands suited for this description of labour are inadequate to the demand, and it is recommended that the superfluous mining population of Cornwall and Devon should emigrate to these localities, where high wages would be given, and the mineral resources be effectually developed. The copper mines of South Australia are well known throughout the world for their great yield and richness, yet many, such as Port Lincoln and others, remain unproductive, in a commercial sense, from the difficulty of obtaining miners.

obtaining miners.

The Burra Burra shares are quoted at 130% on 5% paid, which is a great temptation to mining enterprise; and similar results, it is said, would attend the working of many other deposits, if efficiently carried on, and which the want of hands alone retards.

The continuous and excessive drain of gold from the Bank of England his resulted, as was anticipated in well-informed quarters, in an advance of \$\frac{1}{2}\text{ per cent.}\$ to the rate of discount, 6 per cent. being now the charge Alihough the amount of gold imported into England during the nine months ending September is considerably beyond the receipts for the corresponding periods of the two last years, it has yet proved insufficient to meet the demands upon this country: 20,866,000\(ltext{.}\) in specie and bullion was the value of the imports during the past nine months, of which \$\frac{1}{2}\text{.}\) 472,200\(ltext{.}\) was furnished by Australia, 6,182,400\(ltext{.}\) by California, and 4,358,600\(ltext{.}\) was received from other sources. In the nine months ending September, 1855, the entire receipts were 19,219,000\(ltext{.}\), and in the corresponding period last year 19,820,000\(ltext{.}\), showing an increase this year of 1,046,000\(ltext{.}\) France alone has this year absorbed a greater amount of sold than England has received; the entire sum remitted to our continental ally being 24,000,000\(ltext{.}\). The demand for gold in France has been, to some extent, occasioned by the same influences which have operated on this side of the Channel. The serious effects upon the trade with the United States, occasioned by the money panic in America, which has necessity suspended the returns upon which we and our neighbours relied. United States, occasioned by the money panic in America, which has necessaily suspended the returns upon which we and our neighbours relied.

It take of this country with the United States is estimated to represent no loss than 40,000,000? per annum, and the consequence of any occurrence which may arise to disturb such an enormous traffic may be easily appreciated. It is calculated that about a million and a half has been already withheld from us, upon the receipt of which we could, under ordinary circumstances, have relied with certainty, while the calls upon British holders of stock have been excessive, amounting in one instance to a quarter of a million sterling.

British holders of stock have been excessive, amounting in one instance to a quarter of a million sterling.

We now learn that the wild and reckless speculations in railway stock, which have brought about this state of things, has led to the suspension of payment of all the banks in Philadelphia—the fact being that the securities held by the banks there, as well as at New York and elsewhere, are entirely unavailable, or can only be realised at a ruinous sacrifice. Discounts are quoted at from 20 to 50 per cent., sufficiently indicative of the alarming condition of the markets. As it is evident, however, that the present crisis must have occurred with greater or less violence at some period or other not very remote, it may be as well that it has happened now, when we may hope that the foundation of a sounder state of affairs will be laid for the future.

The Indian revolt has also led to demands upon our resources beyond these for which we are ordinarily expected to provide. The transport of

e for which we are ordinarily expected to provide. The transport of

troops, materials, &c., has already cost us half a million of money, and the East India Company has borrowed from the Bank of England a million more, to enable it to keep its resources on the other side intact. That the rate of discounts, therefore, should be advanced is very natural. A generally abundant harvest, and favourable returns of the silk crop, have placed us in much more satisfactory circumstances than with these extra demands upon us we might have been; and we have every confidence that the vast resources of this country and its colonies will enable us to tide over present difficulties and inconveniences, and attain a condition of prosperity in which the world at large will participate.

We are enabled to announce that despatches from the Home Government will be this day forwarded to the different local Governments of Australasia, containing the final determination of the authorities for the adjustment of the differences which have existed in these colonies respecting postal communication with the mother country; and, we believe, it will be found that the article on this head which appeared in our last Journal contain the general details, and which will be carried out in their entirety.

Mr. Champion Werron goes out by this mail as superintendent in the colonies of the Royal Mail Company, now incorporated with the European and Australian Company, to perfect the postal arrangements of the Suer route, to and from Melbourne and the other capitals. There is no doubt but that the plan now determined upon will be efficiently carried out, and give general satisfaction to the various colonies, as well as to the mercantile community of this country, who are now so extensively engaged in the trade and commerce of our Australian possessions.

SOUTH WALES INSTITUTE OF MINING AND MECHANICAL ENGINEERS.

An important meeting of Engineers and Mineral Proprietors interested in the Railways and Works of South Wales, was held at Merthyr on the 30th September.

The object of the meeting was to consider the desirability of forming an Institute, at which the discoveries and improvements made in the mining and manufactures of this district from time to time may be reported upon and discussed. All the principal ironworks of South Wales were represented at this meeting; the principal engineers of the district were present, or sent letters in favour of the proposed Institute. After a very in-teresting discussion, the following resolution was unanimously adopted by the meeting:—

That this meeting is of opinion that the time is come when it is expedient to form an association of the mining and mechanical engineers of South Wales, to promote the branches of selence they practice; and that this meeting hereby constitutes itsel uch an association, to be called the South Wales Institute of Mechanical and Mining

Further resolutions were then passed, appointing a committee to draw up a code of laws for the government of the Institute, naming local com-nittees, &c. The meeting was then adjourned to the 29th inst.

LECTURE ON ACCIDENTS IN MINES, AT THE BRISTOL MINING SCHOOL, BY MR. HERBERT MACKWORTH.

The lecturer began by observing that one of the principal objects pro osed by the owners of collieries to be obtained through the medium of the instruction given in this school, is the diminution of the fearful number of accidents occurring in mines. The various lectures which had been delivered respecting machinery, shafts, ventilation, and other branches of mining, although relating more especially to the economy of mining, were almost to the same extent instructive as to the prevention of accidents, for

addivent raspecting machinery, shaffa, wettliation, and other branches or mining, although risking more organizally to the example of mining, were all mines think, but further south many of these parties of the same extent instructive as to the prevention of societient, for the control of the mines which he were the control, and the control of the mines which are worked in the best manner, and with the wisers control, are also the satisfact. Neglecting the timbering of the mine, providing an includer would increase the many of these parties of the mines of t

boys to drive the horses, and to run past the trams to open doors whilst the trams were in motion. The mortality amongst boys under 15 years of age was fourfold its usual average. Of explosions of gunpowder there had been 10, chiefly in consequence of not using the safety-fuse. Several great irruptions of water had taken place, which were attributable, in most instances, to the want of plans, and the precaution of boring in advance of an exploring drift. At the Gwendracht Colliery, Carmarthenshire, the workings had extended up to the bottom of a valley, in which there was a great depth of quicksand: 60,000 cubic yards of quicksand ran in in a few hours, with such force and velocity that the rush of air broke the pit framing. Seven boilers have burst of the haycock or wagon shapes; they were generally in bad repair, and in one case the stay was loose. Suffocation by underground gases, although immediately fatal on only four occasions, was connected with the greatest amount of suffering and loes to which the mining community was subject. Poor air destroyed more lives than all the accidents. Injury is done to the workmen long before the air is so deteriorated as to cause a light to burn dimly.

Explosions of fire-damp were also generally due to inadequate ventilation. Although but 74 fatal accidents of this description had occurred, as many as 173 lives had been lost. The two greatest explosions in England—those at Cymmer destroying 116, and at Lund Hill destroying 189 lives—were lessons to be remembered by every owner and manager of a colliery. In each of them fire-damp was only occasionally seen, and they were worked with naked lights. Explosions seldom or never now occurred in the most flery collieries, because they are worked with locked safety-lamps. After the fearful examples we have had, if an explosion occurred in a colliery where safety-lamps are not exclusively used, the blame should rest on the owner or manager. The men should be prevented from entering any fire-damp was removed by ventilation. Great ha

15 incur double the risk of death; whilst the risk is the least to men between 20 and 30 years of age.

The number of accidents in coal mines is year by year decreasing, although the production of coal and the number of colliers increase rapidly. Mining in metalliferous mines is not less dangerous: Mr. Blee ascertained that in the great copper and tin mining district of Gwennap, Cornwall, one out of five miners met with a violent death. In the coal mines of Great Britain it is about one out of eight, but in some districts the average rises to one in three. The lecturer then gave some hints as to the removal of wounded men out of the mine, the means of restoring respiration, and the uses of accident-rooms; and stated that he anticipated from the instructions at mining schools, not so much a reduction of the number of accidents as the adoption of philanthropic measures, directed to the physical and moral welfare of the mining class, by which a still larger aggregate of good might be effected.

THE LUND HILL COLLIERY EXPLOSION.

Mr. EDWARD HEDLEY gave a lecture on this subject at the BRISTOL MINING SCHOOL, on Monday. The coal seam in which the explosion took place was called the Barnsley seam, and varied from 8 to 10 ft. in thickplace was called the Barnsley seam, and varied from 8 to 10 ft. in thickness. Near the outcrop of this seam, at a distance of about 5 miles north of the town of Barnsley; it was divided into many small beds by clumchy partings several inches thick, but further south many of these partings were wanting, and at one mile north of Barnsley it showed the following section:—coal, 1 ft.; clunch, 2 in.; coal, 2 ft. 4 in.; clunch, 5 in.; coal and pyrites, 7 in.; coal, 1 ft. 10 in.; total thickness of the seam, 9 ft. 7 in. This was the most favourable section of the seam known, and the one in which workings had been most extensively earlied on in former years, it not being more than from about 125 to 140 yards from the surface. It yielded much inflammable gas, especially in places which were being driven at any angle with the line of cleavage. It was usual to carry excavations called "bord-gates" some distance in advance of the working places of "banks" to the rise, so as to drain the gas from districts of coal to be afterwards worked. The 3arnsley seam was overlaid with about 18 to 20 ft. of blue metal, and rested upon a to 5 ft. of fire-olay, this fire-clay was known to contain large quantities of fire-damp in bags or cavaties; a remarkable escape of gas from some of these cavaties took place at the Oake Colliery, near Lund Hill; in August least, explosion being prevented by the use of safety-lamps. Mr. Hedley gave a detailed account of the method of working and ventilating at Lund Hill; prior to the explosion, and then proceeded to notice a few particulars respecting the explosion and the recovery of the bodies.

After it was agreed amongst the milning engineers who assisted on the occasion to u-e water for the extinction of the fire, 60 ft. of water in the shaft was considered sufficient to attain this object, but afterwards the water was found to have risen only 30 ft. in the workings habove the level of the bottom of the pit. The pent up gas in the higher parts of the workings had been supporting two columns of wat ness. Near the outcrop of this seam, at a distance of about 5 miles north

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	17	4530	*******	149	4	*******	. 6	*******	. 6	4	0	********	103	. :
29	24	2533	*******	. 144	10	*******	. 6%		. 6	12	6	********	102	1
Oct.	1	3935	*******	142	19	********	63%	******	. 6	. 7	0	********	99	1

ore healthy position of affairs, and when we take into consideration the more healthy position of affairs, and when we take into consideration the fact, that the produce of our Cornwall and Devon copper mines has fallen off in the past quarter to the extent of more than 200 tons of fine copper below the average quarterly production (a deficiency to the amount of nearly 30,000/.), we shall see sufficient reason to anticipate that in the course of the present quarter the standard will again advance to at least the position it was in at Lady-day last.

The disturbing causes which affect our foreign export trade in copper, are also likely to have some effect on tin, and perhaps lead. But any decline which may take place may be confidently predicted to be only of short continuance.

The disturbing causes which affect our foreign export trade in copper, are also likely to have some effect on tin, and perhaps lead. But any decine which may take place may be confidently predicted to be only of short continuance.

There is not much activity in the market for mining shares. Wheal Bassels are low, owing to the leasened production of the mine, and the decline in amount of dividends. At the meeting of Tuesday the dividend was only 57, per share, the previous dividend in August having been 87, The profit on the two months was 4080. The falling off is due, in some degree, to the low standed at the first fals in 240, but in a great edgree to the mine sums plasft, and it may be that the mine will be renovated in depth. At present the mine is in many parts poor, and, looking at the monthly sales, it can scategly be expected that even a 37, dividend will be maintained, unless some discovery be maintained in the same of the sales of the sales of the sales and t

per minute could be supplied by his ventilating apparatus, at a comparatively small copt. He was very mach mistaken if he could not give the Cornish miners the air and ventilation they require.

Some important topics were discussed at the meetings of the society. Mr. R. W. Fox introduced, as a subject for consideration, "the best method of imparting information to working miners." The matter was discussed at great length by various goutlemen sonnected with mines; and the plan which seemed to obtain favour was the employment of some competent person (Mr. Robert Hunt was suggested) to visit the various mining districts, and there impart elementary and practical instruction on subjects having reference to mining; the instruction to be conveyed less by way of formal lecture than by easy familiar conversation with the miners, and by experiments rendered readily intelligible. The meeting resolved to recommend to the committee of the Polytechnic Society the propriety of granting 10%. as the beginning of a subscription for giving effect to the suggested plan—at least by way of experimentar a few months; and sub-criptions were amounced in the room from Mesers. R. W. Fox, Crossch, Carne, Tilly, and Pearce. It was also resolved to refer the subject generally to the Polytechnic committee, with a view to its being carried out effectually. Another subject discussed was the advisibility of producing improvements or alterations in the present system of reporting the duty of Cornish engines. Letters on this subject were read from Mr. Thomas Lean, one of the reporters of engine duty; Mr. James Sims, engineer, Radvath; and Capt. Charles Thomas, of Dolicoath. The subject was discussed at great length, Mr. Warington Smyth, of the Metropolitan School of Mines, being amongst the speakers. There appeared to be general concurrence in the necessity of making an aiteration in the present system; and, ultimately, it was resolved to refer the subject to the Polytechnic Society, with a suggestion that they should appoint a sub-counsitues to

REPORT FROM YORKSHIRE, DERBYSHIRE, AND LANCASHIRE. [FROM OUR CORRESPONDENT IN CHRSTERPIRLD.]

Oct. 8 .- The Iron Trade during the past week has been active, and the decision of the ironmasters at the preliminary meeting has given satisfaction to the trade, though no alteration in the rates for the past quarter was anticipated. For railway ironwork there is a steady and regular demand, and prices of general descriptions of iron are well maintained.

The Coal Trade continues to manifest symptoms of improvement, and with a winter demand, and the enquiry for the export trade, there is little doubt of an active business for some months to come. At present we hear

doubt of an active business for some months to come. At present we hear of no alteration in prices.

The mining interest in Derbyshire is making rapid progress. The Eyam Company are getting some good ore, but they do not find it to their advantage to smelt it themselves, and they have offered it to the smelters for sale. The Sallad Holes Company have declared a dividend of 11, per share, and the mine is looking well. The North Derbyshire (Wren Park) has produced some good ore, and there would have been a sale in the course of a fortnight, but on Monday hat an accident occurred to one of the pumps, which caused a delay. The company have cut some fine ore, and about 10 tons are dressed ready for sale. The manager, Mr. Bentley, is exceedingly confident of the value of the mine. The Mill Dam Mining Com-

pany met on Monday to arrange as to the valuation of the property, which it is expected will be finally settled this week. The company are sanguine of some good prospects, and there is a great demand for the shares, at 1l. premium. The Stoney Way Mining Company, at Matlook, expect to be at work shortly when the engine is ready, and they are confident as to the prospects of the mine. The 1l. shares have been sold this week at 2l. 15s. prem. A company, called the Robin Hood Mining Company, has been commenced at Matlook this week, and the promoters are sanguine of success. The Mill Town Mine, at Ashover, is doing well, but its fleighbour, the Victoria Mine, has not yet done anything in the shape of getting ore, and we expect ere long the present company will dispose of the property. The lamented death of Earl Fitswilliam has occasioned a change in the proprietorship of the Elsecar Collieries, which now become the property of the Hon. Charles Fitswilliam. It is to be hoped that the new proprietor will conduct them on the same liberal basis as did his late lamented father.

THE IRON AND COAL TRADES OF STAFFORDSHIRE. NDENT IN WOLVERHAMPTON.] FROM OUR CORRE

Oct. 9.—The occurrence of the fast-day on Wednesday, which is Wolverhampton market day, and which would otherwise have been quarter-day in this town, necessitated its adjournment to next week. At the preliminary meeting of the ironmasters, it was unanimously resolved to cease operations in the ironworks on that day, and this agreement was very generally observed throughout the district, even a large proportion of their blast furnaces being stopped, to an extent never known on any similar

occasion.

Thursday was quarter-day at Birmingham, and although the monetary crisis in the United States by no means appears to be terminated, a general impression prevailed that there was every reason to anticipate a steady trade during the ensuing quarter. Some good orders for nails, and for angle iron have recently been given out in this district by the East India Company, and probably the mutiny will tend to expedite the prosecution of railways and other works in the country, so soon as our troops get the upper hand.

of railways and other works in the country, so soon as our troops get the upper hand.

Pig Iron romains firm at the prices quoted last week;—3/. 15s. to 4/ for good qualities of hot blast; a few very first-class makers getting 4/. 2s. 6d. Ironstone is firm at 18s. for best quality. North Staffordshire calcined ore and the Cumberland red homatic are in very active demand, and fetch fully as high prices as last quarter. The former is quoted at 20s., and the latter at 24s. per ton, delivered at the works.

The demand for Coal is active, but the supply is also large. A large quantity of Durham coke in imported for use in the blast furnaces.

The general trades of the district maintain a steady activity, and so far the Indian difficulties have not exercised those disastrous effects on the trade of the country which might have been reasonably anticipated. It is one of the great advantages resulting from free-trade, and the extension of our markets, that we are much less dependant than formerly upon the prosperity of any single country, however important, as a consumer of our manufactures.

STOCK, MINING, AND RAILWAY SHARES IN IRELAND. [PROM OUR CORRESPONDENT IN DUBLIN.]

Oct. 8.-The stock markets have again fallen this week, and prices are quoted fully 10s. per cent. less, having gradually declined from 893 for Consols to 882—this day's price. The prices of shares have been well sustained, considering the fall in Government securities. Mining shares

sustained, considering the fall in Government securities. Mining shares have been dealt in at fair prices; those of the Wicklow Copper Mine Company advanced to-day from 31½, the last price, to 32. The following are the latest quotations, as usual:—Consols, 88½; New Three per Cents., 89; Hibernian Bank, 32½; National Bank, 35½; Royal Bank, ex div., 22; British and Irish Steam, 37½; Grand Canal Company, 36; Patriotic Insurance, 6½; Mining Company of Ireland, 15; Wicklow Copper Mine, 32; Cork and Passage, 11½; Belfast Junction, 38½; Dublin and Wicklow, 5; Great Southern and Western, 98; Midland Great Western, 48.

The paraffine candles made at the Peat Works at Athy are now coming into very good consumption here, and are admirable in quality, and it is likely that the extended sale which the company will be able to effect for this and their other manufactures will make it a good dividend-paying and prosperous company, and yet compensate the shareholders for their patience. The processes for making peat available as a fuel while in a state of compression, and those for the production of illuminating gas are proceeding most successfully. On the former subject Mr. Hays read a paper before the British Asseciation during its meeting here, and it elicited great interest and considerable discussion, and Mr. Hays's statement that he could produce charcoal, and sell it at a profit in Dublin at the rate of 11. per ton will, if correct, produce very great results, and enable us to compete at terest and considerable discussion, and Mr. Hays's statement that he could produce charcoal, and sell it at a profit in Dublin at the rate of 14. Per ton will, if correct, produce very great results, and enable us to compete at this side with some of our manufacturing friends in England. However, it remains to be tested on a large scale, and I understand it soon will; the result is anxiously looked forward to, and the compressed peat, it is considered, will be suitable for locomotive purposes, and can be produced at about 7s. 6d. or 8s. per ton; this, if correct, also would produce a most enormous saving. The illuminating gas, which was also the subject of a paper, has succeeded to an extent which some of your friends did not anticipate, and four large mansions are now lighted with their gas from peat, satisfying the owners to the fullest extent; the experiments, therefore, to which I have so often alluded have proved as correct when submitted to the more severe tests as they did before. Altogether the present age seems to be the specially appointed time for the development of peat and its products, and certainly no effort tending to render profitable the large tract of peat in Ireland should be unheeded.

The great profits which it is well known would arise from the taking and curing of fish on the coasts of Ireland for export to the English markets have not been, it appears, sufficiently alluring to induce capitalists to sustain and make the London and West of Ireland Fishing Company an established fact. It is to be hoped that the project is not abandoned, but that it will only be necessary to wait for some change in monetary affairs to witness the employment of capital in the development of the Irish fisheries. One company, an established one, however, for some years past—the Royal Irish Fisheries Company—is still pushing its way, and it is now sought to extend the sphere of operations beyond the employment of a few vessels on the south-west coast.

The large beds of decomposed felspar in the neighbourhood o

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and Drogheda Railway Company are about issuing 170,000%. worth of preference shares—guaranteed δ per cent.—to pay off the mort-gage of 140,000% held by the Belfast Junction Railway Company on the Navan branch.

REPORT FROM MONMOUTHSHIRE AND SOUTH WALES. FROM OUR CORRESPO DEST IN SOUTH WALKS.

Ост. 8.—The Iron Trade throughout Glamorganshire is, upon the whole, in a satisfactory condition. At several works, however, indications of depression appear, and the number of hands has been reduced. At Dowlais and Merthyr so much time is occupied with the affairs of what may be called the social government of the population, that there are little tidings or re-actions of any interest to the mining world: charters of incorporation, imactions of any interest to the mining world: charters of incorporation, improvement of water, and lighting the atreets, engross almost exclusive attention. Business proceeds amidst all these debates evenly, and without any violent change one way or the other. The same remark will apply to the entire country. Among other items of news is one from the Llynvi works, in the neighbourhood of Maesteg, and here, 140 men formerly employed on the large railway will have received notice that their services will not be required after the expiration of a month. It is believed, however, that many of them will be offered employment in other departments of the establishment, but little beyond the bare fact mentioned may be relied upon. Taking a wider range, we find intelligence of the discovery of some valuable coppes ore at Alltywalis, Carmarthenshire. Excavations have been for some time in progress for a tunnel on the Carmarthen and Cardigan Railway, and the workmen have now come upon what is likely to prove a source of considerable riches. It is stated that a fosail has been examined by Mr. Penrose, assayer of ores, at the Landore Silver Works, Swanses, and that gentleman pronounces the

sample to be one part quarts and the other copper pyrites. This interesting discovery has been predicted from the first by the engineers.

At Merthyr, proceedings have again been taken under the Act to "prohibit the employment of women and girls in collieries, and to regulate the omployment of boys therein." On Monday last, Mr. Thomas Edwards, a contractor, at Pennydarren, was brought before the Merthyr magistrate, charged with having employed a child, under 10 years of age, as an underground door-keeper. For the defence, it was pleaded that the contractor had been deceived by the boy's father, who represented him to be much older than he was. The father being now dead it was impossible to overturn this statement, and the defendant was, consequently, merely ordered to pay the costs. ordered to pay the costs.
We may here call atte

ordered to pay the costs.

We may here call attention to an interesting statement relative to the Forest of Dean ore, of which we have had occasions to speak on several occasions. A few years ago an effort was made by a gentleman of considerable scientific attainments, Mr. Robert Mushot, to develope the riches of the district more than had hitherto been done. For this purpose a shaft was sunk, and such success attended the experiment that three new pits have also been sunk within the last twelve months. The ore is as rich as any in the district, and averages, at the lowest point reached, 50 per cont of iron. A local paper says—"All that is now required to bring about a happy consummation, is the active pushing on of the railway from Monmouth into the Forest; and we are justified in stating, that iron furnaces and factories are already not only contemplated, but the crection of them actually decided upon, in the vicinity of Coleford, and they will, in all probability, be commenced before the railway works on they will, in all probability, be commenced before the railway works on the east side of the Wye are." This fact is obviously of immense importance to the district, and shows very forcibly the advantages of speculation when founded upon skill and practical knowledge. The people round about are very bitter about the delay in the completion of the railway, and it really seems as far off the opening as ever. We announced round about are very bitter about the delay in the completion of the rail-way, and it really seems as far off the opening as ever. We announced, on good authority, some time ago, that the date had been fixed, but the time passed with precisely the same indications of the opening-day as on many previous occasions. It is not yet ready to go through the Forest, but the portion of it which is actually completed and fit for traffic (as far as Monmouth) is lying neglected. The contractors may, perhaps, be able to assign a satisfactory reason for a course which appears inexplicable to everyone else.

able to assign a satisfactory reason for a course which appears mexphoable to everyone else.

In other matters we have nothing fresh to communicate. The week has been a dull one, and with the exception of what is included above, not a single topic of interest has turned up.

Some particulars of the useeting held at Merthyr to promote the formation of the "South Wales Institute of Mining and Mechanical Engineers" will be found in another column. The meeting was a highly-important one, and attended by representatives from all the principal ironworks in South Wales; most of the principal engineers were present, and expressed themselves in favour of the proposed Institute.

INDUSTRIAL PROGRESS ON THE CONTINENT. [PROM OUR PARIS CORRESPONDENT.]

Ocr. 8 .- The Metal Market here is sensibly improving, not by any spasmodic effect, but by steady and sustained increase of consumption. For the present, English iron cannot compete with native iron in consequence, of course, of the heavy land carriage from the sea ports to Paris, and the duty. Nor is there any noticeable quantity of its available for sale; and for even this customers are with difficulty found. In seaport town, and in districts of easy access from the coast, it is the reverse, and French iron is virtually excluded from the native market; to obviate this disadvantage, and plus French on an equal footing with English iron, it is proposed to reduce the prices for goods sold near the seaboard. People living near the works, or even in Faris, will sea the proportionately diminished profit to the ironmaster. Paris happens to be one of the best consumers to the native ironmaster, especially since the extensive rebuilding of the city has been commenced. In July there were brought in here for esstructional purposes alone, 73,400 kilos. of castings, and 599,590 kilos of worthing is such extensive purchasers it would certainly not be good policy to offend. The quotations in the Faris market are—Characan rolls, 300 to 30 fers, even rolls, 300 here; and the price of the city has been commenced. In July there were brought in here for esstructional purposes alone, 73,400 kilos of castings, and 59,590 kilos of worthing in the Faris market are—Characan rolls, 300 to 30 fers, even rolls, 300 kilos, 100 kilos, 400 kilos, 100 kilos, 100 kilos, 400 kilos, 100 kil pasmodic effect, but by steady and sustained increase of consumption. For the present, English iron cannot compete with native iron in consequence, of course, of the heavy land carriage from the sea ports to Paris,

PROGRESS OF IRON SHIPBUILDING.—We have now in our office the todal of a vessel constructed upon Mr. John Clare's patent principle. Phoganese or Inon Shiffsullation.—We have now in our office the model of a vessel constructed upon Mr. John Clare's patent principle. The keel is nearly flat, while in proportion to the width the vessel is of great length. It appears that the plan adopted by Mr. Clare is to obtain a great amount of strength, with a comparatively small proportion of weight. The system of flooring pursued is likewise different to that at present in use, and a large quantity of cargo can be taken, every available space being utilised. If adopted, there is no question but that this principle will totally supersade the present modes hitherto in use. The system propounded seems highly feasible, and we trust that, now the question has assumed a practicable shape, it will be fully tested and thoroughly investigated. A subject of such national importance deserves the attention of all, but more particularly those connected with the iron trade and our mercantile marine. If commercial men and practical engineers are convinced of the utility and the great benefit to be derived from Mr. Clare's invention, they, no doubt, will adopt it; this done, Government must follow in their wake, and we shall then, propably, not have to report such a loss as that of the Transit. However many have judged of the views of the investor, and in some instances have differed from several of his opinion, every one acquainted with the subject must give him great credit for the preseverance and untring energy displayed for the purpose of furthering improvements in the construction of our iron vessels. A great nation like England must always retain her maritime supremacy, and it is the bost of Englishmen, in contradistinction to continental nations, that individual enterprise accomplishes everything useful and practicable, while Government is always the drag upon any improvement. It falls to our lot to The

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notice inventions which, although they seem of great utility on the face of the specification, are never found to be practicable, or advance beyond the stage of scaling the patent: some of these are discovered to be reproductions, and others of such triffing value that they cannot be made available, while several are so costly in their application that they are commercially worthless. Mr. John Clare has defined his ideas practically, and we think it is nothing but a matter of common justice that his views now should be thoroughly sifted, and that merit accorded to them which they may be found worthy of. The model can be seen by any one interested at our office.

THE COAL TRADE.

The following is a statement of the delivery of coals, &c., in the port of

Tougon during the mount or pepter	asou .
Ships Tons.	Seoteh
Blyth Total 10 1,963 Total imported in Sept., 1856	726 213,716 247,290
	sent of 1856 and 1857.
Imported from January 1 to Sept. 30, 185 Imported from January 1 to Sept. 30, 185	6Ships 78572,235,463 tons.
Degreese of ships and tons	12,276

THE RAILWAY COAL TRADE.

Monthly statement of coal and coke brought by railway and canal within

the London district, during the month of deptember: Railways. Tons cwt. Railways. Railways. Great Western 37,002 10 South-Eastern	5,644 1,560	0
Total by railway in Sept., 1857	88,805	17
Coals by railway in Sept., 1856	.109,486	19
Coals by canal in Sept., 1856	, 1,966	5
Comparative Statement of 1856 and 1857.		
Coals by railway from January 1 to Sept. 30, 1856	901,534	
Coals by railway from January 1 to Sept. 30, 1857	869,727	18
Decrease in the year 1857—railways	31,807	1
Coals by canals from January 1 to Sept. 30, 1857	19,036	10
Coals by canals from January 1 to Sept. S0, 1856	17,796	5
Increase in the year 1857—canals	1,240	5

FOREIGN MINING:

LOWBERDO-VENETO PROVINCES, BRAZIL, CHILI, FRANCE, MEXICO, MOROCCO, HONDURAS, SIAM, &C.

Some valuable official reports have recently been collected, which afford good deal of interesting information on a variety of points connected with foreign mining.
Commencing with the LOMBARDO-VENETO provinces, we find that a

mining company established in Venice, in the year 1840, under the name of the Societa Montanistica, has successfully worked the coal mines at of the Societa Montanistica, has successfully worked the coal mines at Valdagaa. In 14 years these mines have furnished upwards of 150,000 tons of coal. As it serves every purpose, except for producing gas, in the manufactories and steam mills, it has superseded English coal, which is now only used mixed in small proportions with the Valdagaa. The company has been exploring two other coal mines in the same province, and a third near Udine. It is also intended to explore and work various mines, some ascient and a few recently discovered, of copper, zinc, lead, iron, quick-silver, and brimstone. The neglect into which mining industry has fallen is attributed to the scarcity of firewood, caused by the destruction of the forests, to the want of practical and technical knowledge of mining, as well as to political and financial vicissitudes. A company has been lately formed, called the Lombardo-Venetian Company, for the carbonisation of pat turf, with a view to utilise the numerous pits of this fuel existing in the province of Venice, and thus in some measure supply the deficiency of fewood. The marble quarries of Vicenza, Valdagna, Verona, and Cadore, are worked with increasing activity.

From Brazzt, it is reported that in the consulate of Pernambuco gold, irea, jet, nitrate of potash, carbonate of soda, alum, copperas, plumbago, and amber, have been recently discovered, and coal is also expected to be found. The natural treasures of the country are neglected, in consequence of the want of labour. The yellow fever deters many from emigrating to Brazil, but it is considered that the agricultural labourer would have little to fear from it, as it is essentially a maritime disease.

From Chill, it is stated that the coal mines of Lota and Coronel have made great progress. At Lota, five steam-engines are now working, drawing coal from the pits, and two good moles are established, one of iron, which can be approached by vessels of the largest size, and the other of timber. The mines now yield upwards of 150 tons daily. A Valdagna. In 14 years these mines have furnished upwards of 150,000 tons

where coal is good and abundant, but no produce of the mines has yet come to market.

Passing on to France, we find that some blast-furnaces have been in Course of erection at St. Louis, near Marseilles, for the purpose of smelting the irea ore of the island of Elba. This undertaking is connected with a new establishment for lighting the town of Marseilles with gas. The coke from the latter is to serve as fuel for the smelting of the iron ore. These two joint undertakings are the objects of a company which has been receasily formed. For the treatment of argentiferous lead ore, there are four establishments in the neighbourhood of Marseilles. The ore used is derived principally from Sardinia, Piedmont, Spain, Algeria, and the interior of France, particularly from the Upper Alps. These establishments scaploy from 400 to 500 workmen, and smelt from 4000 to 5000 tons of ore per annum. For the treatment of copper ore and antimony, there is but one establishment, near Marseilles: it is situated at Septemes, and is capable of smelting 3000 tons of copper ore per annum; the ore is derived from Spain and Algeria. For refining argentiferous lead and extracting the silver, there are aix establishments at Marseilles, capable of refining 30,000 tons per annum of pig-lead, the produce of Spain. Within the distinct of Marseilles, and not far from the town at Gresaque, Faveau, and Aurol, there are extensive beds of lignite, the produce of which is almost reclusively consumed at Marseilles; they are all in activity, afford occupation to 1500 workmen, and produce annually 37,000 tons. Some valuable information is afforded incidentally on the coal and iron trade of Great Britain with France. The importation of British coal into Bordeaux has increased to a very considerable degree, a circumstance owing chiefly to the recent establishment of several manufactories for the use of the valous railroads. Several British steamers of a high tonnage are employed regularly between Bordeaux and Cardiff in this business, and there has been a be use of the manufactories and distilleries increases, as wood fuel besee scarce and dear, in consequence of the land which produced it being
leaf for other purposes. A small consignment of Scotch bar and hoop
row has turned out well, and will probably cause a further demand for
hose articles, which are found to be equal in quality to those so much aptored which are produced in the district of Perigord. At Bordeaux and
lunkirk, the importation of British pig-iron increases. At Bordeaux, the
mportation of British coal amounted to 19,408 tons in the year 1856,
gainst 5518 tons in 1855, an increase principally owing to the Northern
of France Railway having conveyed coals at low rates into the interior,
ad the preference accorded to our coals over those of Belgium in the maufacturing districts.

[To be continued in next week's Mining Journal.]

Copper by the Sea.—Experiments are now in progress to show that a sais constantly charged with a solution of copper. Mr. Septimus Piesse caused by of iron sails to be hung from the sides of steamers passing between Marsellier d Rice, and obtained a precipitation of copper upon the iron. He finds the same sail in the substance of animals inhabiting the sea, and recommend the popular excitant of putting an oyster—bad one, if possible—on the bisde or a knife, and aring it there for an oyster, when, on the removal of the cyster, the copper will be found on the hife. In Mr. Piesse's opinion, the beautiful blue colour of some ortices of the Mediterranean is due to an ammoniacal sail of copper, while the greeness of other seas is owing to the chloride of copper,—Chambers' Journal.

WEEKLY LIST OF NEW PATENTS.

WEEKLY LIST OF NEW PATHNTS.

GRANTS OF PROVISIONAL PROTECTION FOR SIX MONTHS.—R. Wasstaff, Mottram-in-Longdendale: Locomotive engines to be employed in common roads or says, applicable to agricultural and other purposes.—J. LORSITE, J. HENDERSON, Reafrew: Steam-engines.—J. Muckart, Montrose: Combustion of fuel, and prevention of smoke.—H. Wisden, Scheffeld: Rotary seam-engines and pumps.—B. Busland on the purpose of the steam of the seam of the seam of the seam of the seam of the seam.—B. Combuston of smokes.—H. Wisden, Scheffeld: Locomotives and other carriages.—F. Cavalerie, Paris: Motive power engines.—W. H. James, Old Kent Road; Improvements in visan vessels, parts of which are applicable to selling and other vessels.—W. H. Flanz, Liverpool: Beaus, gird-road bridges.—H. Oanson, Stanley Bridge, Chelsea: Manufacture of east tubular bollers.—P. F. Joly, C.E., Paris: Generating and appeal-heating steam.—E. L. Ower, Wolverhampton: Propelling vessels.—M. Tratle, North-terrace, Westmisster: Direct printing telegraph without relais and local battery.—M. Henry, Fleet-street: Transmitting motion, especially applicable to apparatus employed in navigation.—R. Lawson, Manchester: Admission of air to furnasce.—W. E. Newton, Chancery-lane: Porging motals.—P. C. Barwell, Haverstock-terrace, Hampstead: Preparation for use of caustic alkalies.—J. De La Have, M. Bloom, Salford: Laying down submarine telegraphs.—W. B. Johnson, Manchester: Raising and lowering trucks. carriages, engines, or other such railway appendages from one level to another.—A. S. Patterson, U.S.: Laying submarine cables.—J. Kleisaw, J. Wilkinson, Elland, York: Self-acting couplings for railway carriages and engines.—A. V. Newton, Chancery-lane: Rock drilling machinery.—Jackson, Son, and Co., 8t. Sueria surpaparatus for railway and other wheels.—G. Ronv, Wigan: Machinery or apparatus employing the same as a motive power.—Bayliss and Co., Monmore-green, Wolverhampton: Chain cable.—E. A. Broomay, Fert-at: Ingmiss and other like places, in ventilating mines a

TREATMENT OF AURIFEROUS SAND.—Mr. R. Goulding, whose patent amalgamator we briefly noticed in our last Journal, has terminated his experiments. The result is that the five pennyweights of gold, which were placed in the sand, have been entracted with only the loss of 8 grains, and these can be distinctly traced in the iron of the retort, which was an old one, not exactly suited for the purpose. With the exception of the unavoidable loss of mercary in the retorting process, this was all saved. The tailings were found to be perfectly clean, and the machine performed its work in an efficient manner. Mr. Goulding estimates that one of his machines, of the calibre of that in which the trials were made (6 ft. long by 2 ft. diameter), would amalgamate about 5 tons of stuff in a stein of ten hours. The great advantages attained by this amalgamator is, that it is simple and efficient in its working, that no gold is lost in the tailings, and nearly the whole of the mercury saved, so that the hitherto great expense of amalgamation is avoided. Unlike many of the machines which are now erected, this is not for the purpose of crushing and amalgamating, but simply for the latter process; no complicated machinery is required, and consequently it will not be necessary that delays of weeks and months should intervene before it can be said to be fairly at work. We are not aware of what the probable expense of amalgamating a ton of auriferous sand would be; this must depend greatly on local considerations; judging, however, from personal observation, we should imagine it could be done at a moderate cost.

considerations; judging, however, from personal observation, we should imagine it could be done at a moderate cost.

VENTILATING MINES.—Mr. Laurent Piaud, Paris, provisionally specified some improvements in ventilating and preventing inundations in coal mines. These improvements consist—first, in placing in the shafts of coal mines a main feed-pipe, furnished with a piston, which is worked by the steam-engine employed in the mine, or by other means. This piston or pump is thus used to supply the mine with pure air:—At the lower part of the feed-pipe is a branch pipe or channel, which enters a chamber containing a fan or ventilator, which revolves in the direction given to it by the air from the pump, and thus forces the air into another chamber by means of a connecting pipe. The latter chamber is also supplied with a revolving fan or ventilator, which compels the air to enter through an opening into a circular or other shaped gallery extending round the mine. This gallery communicates with several other intersecting galleries, provided with doors, if necessary. The deleterious gases, after passing through chambers containing fans or ventilators of the same construction as those already described, but moving in an opposite direction, enters an exhaust pipe placed in the shaft by the side of the feed-pipe. The exhaust pipe may be furnished with a valve, through which passes the inflammable gas, which may be preserved for lighting purposes. Secondly, in preventing inundations in mines by the sforsaid circular gallery, which acts as a recipient for the water from the intersecting galleries. The water thus collected may be discharged by the usual means.

FURNACES.—Mr. W. Travis, Prestwich-cum Oldham, in the construc-

gameries. The water thus collected may be discharged by the usual means.

FURNACES.—Mr. W. Travis, Prestwich-cum Oldham, in the construction of furnaces, proposes to place or fix plates of any suitable metal or material transversely under the fire-bars for the purpose of checking the direct current of air and forcing it through the fire, thereby economising fuel, and causing a more complete combustion of smoke than has hitherto been secomplished. He does not confine himself to any particular number of the said plates, nor to any precise position of fixing them, as experience alone will decide the number and position best suited to the purpose.

fixing them, as experience alone will decide the number and position best suited to the purpose.

ELECTRIC LIGHT.—Mr. Chas. W. Harrision, Woolwich, has patented some improvements in the production of the electric light. It is well known that condensed gas carbon, from its great purity and density, is the best and most durable form of charcoal for the display of the electric light; he, therefore, proposes to place pieces of metal or other suitable material in gas retorts, or in tubes connected therewith, for the purpose of receiving a deposit of gas carbon, until they are coated to the desired thickness; and he then cuts or grinds them to the required form of electrodes; or secondly, he proposes the use of electrodes of spongy or powered metals, prepared by means of compression into any desired shape. He produces lights of various colours, according to the metals used. For the positive electrode he employs a circular disc, which is kept in position by a small roller.

Fishing Ralls.—Mr. H. Wm. Tyler, Norfolk-cresent, Hyde-park, has invented an improved mode of fishing rails, which consists in an arrangement which admits of a peculiar form of rivet being used, which most securely fixes the rail.

Connecting Feed Pipes of Locomotives.—Mr. J. Fenton, Low Moor, Bradford, instead of packing the pipes and sockets of feed-pipes as hitherto uses a tube of suitable material to work in another and larger tube, which is provided with a rolling washer inside; on the pressure of steam or water increasing, the washer is pressed against an inolined plane, which is also formed inside the larger tube.

Rallway Wherlis,—Mr. Thos, Parker, Derby, provisionally specified

Bradford, instead of packing the pipes and sockets of feed-pipes as hitherto uses a tobe of suitable material to work in another and larger tube, which is provided with a rolling washer inside; on the pressure of steam or water increasing, the washer is pressed against an inclined plane, which is also formed inside the larger tube.

RAILWAY WHEELS.—Mr. Thos. Parker, Derby, provisionally specified some improvements in railway wheels, which consist in making the tire and rim of the wheel in one entire piece; and after its being so made, the spokes are welded in to the inside thereof, and thus there is no necessity for rivets or sorew-bolts, as under the present system. The spokes are fait, made a liogether under the hammer.

APPARATUS FOR LOCOMOTIVE PURPOSES.—Mr. J. Parkes, Great Collegetstreet, Westminster, has invented an apparatus for supporting heavy burdens on soft ground. It consists of a number of feet or clogs, each having two axes, one on each side. These axes are supported on bearings, which are all at a corresponding distance from a common centre, round which they work at the same distance from each other. When the vehicle is set in motion seen foot comes to the ground, and rises therefrom in a horizontal position, which it always retains.

DRESSING SLIMES.—A new system of dressing alimes now in use at the Bristol Mines, Connecticut, formed the subject of a paper by Prof. B. Silliman, jun., read before the Association for the Advancement of Science at Montreal. The main features of the invention appear to be the perfect separation of the "dismo ores" from the coarser ores without the aid of sieves or screens. This is accomplished by the use of a new and exceedingly simple hydrostatic apparatus, invented by Mr. Stadimillier. The efficient cause of its success is the movement of a current of water in an inverted come of iron, having an angular space, surrounding an inner cone. The ore is admitted at the top, and distributed over a conical surface, to meet the association of the paper and on the process o Prof. Horsford, that if sulphuret of iron were present, the ores might be roasted treated as in Germany, but in the Bristol Mine the amount of sulphur was too s

FEARPUL COLLIERY EXPLOSION NEAR BARNSLEY,—Another of those fearful explosions which are generally so destructive to human life, but not accompanied by such results in the present insuance, occurred in the main pit at Higham Common Collieries, near Barnsley, the property of Mesars. Charlesworth, at five minutes past 2 o'clock on Wednesday morning last. The report was heard for several miles around, and until noon hundreds of people assembled from the neighbouring villages, anxious to learn the refult, naturally expecting it to be attended by a fearful less of life. It soon became known that there were but two persons in the pit, who were engaged as cupola attendants, and these were drawn out alive about aix o'clock, fortunately being only slightly burnt. There were ten valuable horses inside, all of which were killed. Twenty sets of tools were generally employed in the neighbouring with the shaft and the shaft and the shaft and the shaft is the shaft of the shaft is the shaft in the shaft in the shaft is the shaft in the shaft is the shaft in the shaft in

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ROCKS AND MINERAL DEPOSITS OF NAMAQUALAND .- No. XII.

BOCKS AND MINERAL DEPOSITS or NAMAQUALAND.—No. XII.

Hence the fact that bands of quarts, greenstone, &c., invariably occur in closs vicinity to the larger deposits would lead us to infer that the occurrence of such isolating bands of quarts or greenstone, &c., running across the meridional grain of the country, is an indispensible companion of, if not as essential condition for, the formation of such deposits; and this is the more probable, as we notice that in those parts of the country where no such isolating bands occur there, also, no such deposits have boen formed, although the fact of the very vock itself being strongly impregnated with and distinctly showing metallic contents, proves, on the one part, the richness of the country in metals, and on the other the readiness, as it was, of the roof to discharge its metallic contents.

Within the Kodas Basin, in which there occur the largest known deposits of Northern Namaqualand, there is also traceable a tendency to form east and west veins (such veins warying in breadth from a few inches to 2 or 3 feet); and many, and in their details very interesting, instances of the formation of such quaris veins may be noticed in that locality—east and west veins frequently heaving north and south veins, &c., *i in fact, an investigation of all the deposits of that country, the smaller and the larger ones, points invariably accompanied by a corresponding greater or less development of the latter. Here the circumstance deserves to be not itself, the content of the former being invariably accompanied by a corresponding greater or less development of the latter. Here the circumstance deserves to be not itself, the content of the latter of the larger deposits, with the exception of the former being invariably accompanied by a corresponding greater or less development of the latter. Here the circumstance deserves to be not itself, and the proposition of some insignificant ones, on the southern alopse of the outre, and the proposition of the content of the latter of the cont

METALLURGY.—DR. PERCY, F.R.S., will COMMENCE a COURSE of FIFTY LECTURES on METALLURGY, at Twelve o'clock, on Monday next, the 12th of October, at the GOVERNMENT SCHOOL OF MINER-Jermyn-street. Fee for the Course, £2.

MINERALOGY. WILL NG'S COLLEGE, LONDON.—
PROP. TENNANT, F.G.S., will COMMENCE a COURSE OF LECTURES ON MINERALOGY, with a view to facilitate the study of Geology, and of the Application of Mineral Substances in the Arts. The lectures will be illustrated by on extensive collection of upwards of 3000 apsecimens, and will begin on Friday morning, 9th October, at Nine o'clock. They will be continued on each succeeding Worlnesday and Friday at the same hour. Fee, £2 2s.

R. W. JELF, D.D., Principal.

DARTNER WANTED, in an ENGINEERING ESTABLISHMENT in GLASGOW. The capital required is about £3000, though a larger
sum might be employed to advantage. The income to be derived is bandsome, and,
as the business is an old one and thoroughly established, this is an opportunity which
is rarely to be met with.—For further particulars, apply to Walter Mackenszy,
accountant, St. Vincent-street, Glasgow.

TO COLLIERY OWNERS AND OTHERS.—A YOUNG MAN, who has passed creditable examinations at a uning school, is desirous of an ENGAGEMENT to ASSIST in the CONDUCT of COLLIERIES, or MAKE SURVEYS, and KEEP the PLANS.—Address, "R.," Llancily, Carmarthenshire.

WANTED, in a LARGE IRONWORKS in SOUTH WALES, a MECHANICAL DRAUGHTSMAN; one accustomed to surveying would be preferred.—Apply, by letter, to "Z.," Mr. John Williams, Waterloo-street, Swanses,

WANTED, a MANAGER for TWO COLD BLAST FURNACES.

He will be liberally paid, and have the entire control over the works.—Apply,
by letter only to Mr. F. Barnard, at Mr. Parke's, bookseller, Wolverhampton.

TO ANTIMONY SMELTERS.—WANTED, by a PRACTICAL SMELTER, the MANAGEMENT of a WORKS in the above line, or TRA-VELLER to the same, having 16 years' experience, out of which 4½ years as manager.—Address to "C. H. H.," No. 8, Hercules-buildings, near the Savings' Bank, Lambeth-road, London.

Lambeth-road, London.

TO SINKERS.—The DOWLAIS IRON COMPANY are prepared to receive TENDERS for SINKING TWO PITS on their property at DOWLAIS. The depths of the pits will be about 300 yards; they are now down 40 yards. The permanent winding engines are erected, and at work.—Application to be made at Dowlais Office, Dowlais.—Dowlais Ironworks, Oct. 8, 1857.

INE AGENT.—WANTED, TO GO ABROAD (to a British colony), a SUPERIOR PRACTICAL AGENT, who is capable of carrying on his own responsibility, the works of an extensive mine, which is aiready making good returns. No one need apply who cannot give the first testimonials, and a person who has already filled a similar situation will be preferred.—Address, with testimonials and terms, Mr. J. H. Muzchison, No. 117, Bishopsgate-street Witbin, E.C., London, up to Wednesday, the 21st inst.

NOTICE.—ANY PERSON GIVING INFORMATION as to the whereabouts of Mesers. WILLMOTF and CO., late of 68, Old Broad-stree; tornerly of 30, Lotbbury, and will COMMUNICATE the same to the SUPERINTENDENT OF POLICE, STOURPORT, WILL BE REWARDED.

EAD FOR EXPORTATION.—PIG-LEAD (hard and aoft).

SOLD at LOW RATES. The BEST PRICE given for LEAD ASHES, &c., and OLD LEAD.—ROPFELL and Co., Southwark Lead Works, Gravel-lane, London.—

RED HEMATITE IRON ORE.—WANTED TO LEASE, a RED HEMATITE IRON ORE MINE. As the party intends working the property vigorously, the terms must be reasonable.—Apply, by letter, to "A. G.," Mr. Chas. Everett, news agent, 75, Old Broad-street, City.

SULPHUR ORE.—WANTED, a QUANTITY of SULPHUR ORE, Particulars to HILLS and Co., Che

STEAM BOILERS MADE BY WILLIAM WILSON, LILY BANK BOILER WORKS, GLASGOW, on the most approved principles, and delivered in all parts of England at moderate rates.

ON SALE, a 12-horso HIGH-PRESSURE HORIZONTAL and iron chimney (requiring no brick work), fittings and connections, complete. Also, TWO 4-horse HORIZONTAL ENGINES, one on boiler, with chimney, as above, and fittings, complete.—For particulars and price, spply to Messrs. E. and B. Johnson, Flookersbrook Foundry, Chester.

DITORSHIP.—The PROPRIETORS of a FIRST-CLASS OF a SCIENTIFIC WEEKLY JOURNAL are desirous of securing the SERVICES of a thoroughly COMPETENT EDITOR. To a gentleman of undoubted ability, of energy and sound judgment, and in other respects equal to the duties of the position (an acquaintance with civil engineering and mechanics being a desideratum), a liberal and increasing rather them a moderate rate of remuneration would be acceled to.—Froposals will be sutertained in the strictest confidence, and may be made without reservation, addressed "Epition," Oriental Club, Hanover-square.

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THE BOMBAY, BARODA, AND CENTRAL INDIA RAILWAY
COMPANY is prepared to receive TENDERS for RAILS, BRACKETS, TISLIS, BOLTS and NUTS, and WASHERS, on Adams's Patent Suspension Girder
inciple. Drawings, specifications, and forms of tender, may be seen at the comsty's offices, upon which only tenders will be received.

is. Drawings, specifications, and furms of tender, may be seen at an offices, upon which only tenders will be received, reason which only tenders will be received, reason to be seen at the process of t

THE BOMBAY, BARODA, AND CENTRAL INDIA RAILWAY COMPANY is prepared to receive TENDERS for SCREW JACKS. Specificates and form of tender may be had at the company's offices, upon which only tensell because and

rers will be received.

"Tender for Screw Jacks," and must be sent in at or beserve of clock at noon on Thursday, the 15th day of October inst. The directors not bind themselves to accept the lowest, or any of the tenders that may be sent in By order of the Board, Signed, C.H. KENNEDY, See Offices, 10, Liverpool-street, New Broad-street, London, Oct. 3, 1837.

OPIAPO EXTENSION RAILWAY COMPANY.—The concession having been obtained from the Government of Chill for the construction of the ne.—Notice in hereby given, that a MEETING of the shareholders in this company lill be HELD at the office, 2, New Broad-street, on Friday, the 18th inst., at One relock precisely, for the purpose of authorising the immediate prosecution of the rorks.

2, New Broad-street, Oct. 6, 1857.

TO IRONMASTERS AND OTHERS.—TO BE DISPOSED OF, the LEASE of a valuable PROPERTY of TRONSTONE, LIMESTONE, and BRICK EARTH, with a wharf and short railway on the property, adjacent to, and connected with, the London and North-Western Railway, and Grand Janetion Canal.—For particulars, apply by letter, pre-paid, to "E. D.," care of Mr. Brown, No. 38, Cheapside, London, E.C.

TRONSTONE AND COAL, CARMARTHENSHIRE.—TO BE LET, the numerous VEINS of excellent IRONSTONE and the COALS in the farms of CWM-HIDER, CWM-GRWGYLLIO, and PEN-Y-GRAIG, situate near Pont-y-berg, in the Gwendrasch Valley, and consisting of about 160 acres.

The whole of these veins are on the north crop of the lowest measures of this coabasin, and are well known to produce the best fronstone in South Wales.—For party calars, apply to Mr. Joshua Richardson, C.E., Neath.

INERAL DISCOVERY, AND TO LET.—This month a LARGE MASS of DECAYED SPATHOSE ORE has been FOUND, close on the shore, ify wrought and shipped. The deposit is very large,—100 to 120 ft. wide,—and ends, as seen, near a mile inland. The slag of what has been smelted (supposed the Romans or Danes) lies in large quantities contiguous. The COPPER ORES athore, Hematite, &c.) advertised in this Journal of 5th September are still TO T.—Apply to the proprietor, W. Forlows, of Erins, Loch Fyne, Argleshire.

LET.—Apply to the proprietor, W. Forlows, of Erins, Loen Fyne, Argieshre. St.

VICTORIA FOUNDRY OO MPANY (LIMITED).—

This COMPANY having PURCHASED the premises known as the GREENWICH IRONWORKS, are prepared to TENDER both for REPAIRS and the
BUILDING of every description of IRON VESSELS, either for steam or sailing purposas; also, for the MANUFACTURE of BOILERS, IRON CASTINGS, STATIONARY OF MARINE ENGINES, FLOUR and every kind of MILLWORK; also, the
CONSTRUCTION of IRON LIGHT-HOUSES, &c.

THOMAS MEACHAM, Manager.

Victoria Foundry Company (Limited), Bridge-street, Greenwich, S.E.

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THE STEAM-ENGINE SUPERSEDED. THE STRAM-ENGINE SUPERSEDED.

WATER, INSTEAD OF COALS, REING THE IMPELLING POWER.—Loadon Gazette, July 31, 1837, No. 1937: "To Jeffries Kingsley, Lieut, R. P. 3d Dragoous; for the invention, &c." Proprietors desirous of saving fuel, whose mines are situate within the distance of ten mines from a river (with a moderate depth of fall), may receive an elaborate Treatise wherein the Engine is described. As towns, similarly circumstanced, may be supplied with water, the requisite information may be also imparted to the Civic Authorities. The services of Engineers and Agents are requested.—Apply to Inventor, Office, No. 9, South-erescept, Be-iford-square, London: three postage stamps.

REAT CRINNIS COPPER MINING COMPANY.—Notice is hereby given, that, by order of the Committee of Management, a CALL of ONE SHILLING per share, on the NEW SHARES of this company, is NOW MADE, payable at the office, 27, Austinfriars, on Saturday, the 24th of October next. \$2, London, Sept. 23, 1857.

By order, WILLIAM CHARLES, See/

IBERTY MINING COMPANY OF VIRGINIA.—

At the SPECIAL GENERAL MEETING, held at the London Tavern, on the

At the SPECIAL GENERAL MEETING, held at the London Tavern, on the september last, it was resolved:—
That all holders of the original serip shares of the old company who have not yet int them to the office to be exchanged for shares in the present company, at the tes of one share for every five sorip shares, the holder taking at the rate of five per nt. thereon in preference shares, and who shall not do so within 21 days from this ay, shall be deemed to have forfeited the same.

H. H. BOOD, Sec. 28

All Moorgate-street, Sept. 30, 1837.

THE GREAT BARRIER LAND, HARBOUR, AND MINING COMPANY (LIMITED).—In 10,000 shares, of £5 each.
Deposit, 10s. per share at the time of application, and 20s. per share upon allotment.
Prospectuses can be obtained at the office, No. 117, Bishopsgate-street Within, London.

J. H. MURCHISON, Seegg

DEVON GREAT ELIZABETH COPPER MINE.
In 10,000 shares.—Deposit, £1 2s. per share. No free shares.
On the "Corr-sook Paintople."

8000 chares have already been taken. 20 tons of ore are now at grass, raised from a depth of less than 2 fms. of the surface.
No steam power required, there being an abundant supply of water at all seasons from the Eiver Dart.
Applications for the remaining shares to be addressed to Mr. Nicuolson, 57, Old Broad-street, where prospectuses can be obtained, and reports trom experienced agents, as well as specimens of the ore, may be seen.

Broad street, where prospectuses can be obtained, and reports from experienced agests, as well as specimens of the ore, may be seen.

ACKAMORE NEW MINING COMPANY (LIMITED).

Capital £5000, in 2500 shares of £2 cach.

Et per share to be paid on allotment, the remainder by instainents of 10s. each, as required.

To be Incorporated and Registered under the Joint-Stock Companies Act, 1846, and liability limited to amount of subscription.

MAMAGING DISECTORS—Mesers. John Taylor and Sons.

Three other directors and two auditors to be appointed by the shareholders at the first general meeting.

SECRETARY—Mr. W. Vernon Venables.

OFFICE,—6, QUEEN STREET PLACE, UPPER THAMES STREET, LONDON. This commany is formed under the Joint-Stock Companies Act, 1836, with limited liability, for the purpose of working the Lackamore Copper Mine in Ireland.

The mine, leases, buildings, mechinery, materials, and orce broken, with everything in and upon the premises, were sold under an order of the Court of Chancery thing in and upon the premises, were sold under an order of the Court of Chancery the sales of the ores sold.

The mine is well situated. It is in the county of Tipperary, about 15 miles from the Port of Limerick, and four miles from the town of Newport, to both of which places there is an excellent road. The mine has been worked to a depth of 30 fms. below the adit lavel, and yielded considerable quantities of rich copper or, the sales at Swanses from 1837 to 1850 showing that 3730 tons were sold for £32,400, and that the average produce was 10½ per cent. of fine copper. A fine stream of water runs at Swanses from 1837 to 1850 showing that 3730 tons were sold for £32,400, and that the ower and a powerful water-wheel has recently been erected, for the purpose of draining the despest workings. There is a good shaft, with a capetan, shears, and suitable pump work; also, an office and workshops, and houses for the Agents. Operations having been resumed, sales of copper or may be commenced at an early date, and sanguine expectat

WEST END MINE AND QUARRY OFFICES, 5, WATERLOO PLACE,
PALL MALL.

PALL MALL.

PALL MALL.

ESSRS. BRUNTON AND CO., ENGINEERS AND MINERAL
SURVEYORS, undertake the MANAGEMENT and WORKING OF MINES,
QUARRIES, &c., and CONDUCT the LONDON AGENCY of all MINERAL PROPERTIES in their offices with system, economy, and regularity.
Measrs. Brunvon and Co. beg to inform proprietors of mines, &c., that the business
of these properties is carried on in their office upon the following principles, viz.:—
Accounts systematically and closely made up.
Statements in detail, and clear summaries of finance and expenditure.
Entire and impartial openness of books, reports, and documents, to all shareholders, for perusal or extract.

Immediate communication of any important occurrence to the shareholders.
MINERAL PROPERTIES SURVEYED, and ESTIMATES OF MACHINERY,
PLANT, and COSTS OF WORKING FURNISHED.

INVESTMENT—Messrs. PULLER and CO., 61, THREAT NEEDLE SPREET, LONDON, continue to TRANSACT BUSINESS in BANING, MINING, RAILWAY, and OTHER SECURITIES, many of which will safe pay from 15 to 25 per cent. Those of a progressive character frequently rising about 100 per cent.

100 per cent.

WANTED.—Afred Consols, Botaliack, Doloosth, Hingston Down, North Roskear, Sonth Caradon, Wheal Margery, Edward, Ludcott, Tehidy.

Since calling public attention to twelve progressive mines, a rise has taken place of the following:—Craddock Moor, from £35 to £45, equal to £10,550; Calstock Consols, £34 to £14, or £2018; East Russell, from 10s. to £3, or £5000; Wh. Edward, £4 to £3, being an increase in value of £16,000; Swanpool, £1 to £2½, or £3700: Total increase of value in three months of £37,326.

The following shares present equally as good prospects of success, and worth immediate attention:—

Devon Barra Burra.

Tokenbury Consols.

Botting Well.

North Wheal Wrey.

Bouth Bog (Limited).

East Providence.

Every information sives, either acceptuality or Little and Consp.

metilate attention:

Devon Burra. Tokenbury Consols. Great Wheal Busy.

Boiling Weil. Dale (Limited). Drake Walls.

North Wheal Wrey. South Bog (Limited). West Wheal Edward.

East Providence. Whitehurch Down Cons.

P.S. PLUMBAGO.—POR SALE, 5 tons of FURE CUMBERLAND LEAD, samples of which may be seen at this office.

BRIERLEY, STAPFORDSHIRE,—VALUABLE MINING PROPERTY.

AR. THOMAS NOCK WILL LET, UPON LEASE (with the asaction and authority of the Charity Commissioners for England and Wales), SY AUCTION, at the Swan Hotel, in Wolverhampton, on Wednesday, the 14th of October, 187, between the hours of Four and Six o'clock in the afternoon, subject to conditions to be then produced, ALL that FARM and LANDS situate in the township of Streitey, in the perish of Segley, in the country of Stafford, with the DWELLING HOUSES and BUILDINGS thereon erected, and now in the occupation of Mr. James Evans, containing, by a recent survey and admeasurement, 17a. 25p., or thereabouts, for the term of 21 years, at the yearly rent of £51 as a surface rent, payable half-yearly during the said term; and also ALL the UNGOTTEN MINES of COAL, IRONSTONE, LIMESTONE, CLAY, and all other MINES and MINERALS lying and being in and under the said premises, with full power to get and dispose of the same, for the said term of 21 years.

The minerals under the estate immediately adjoining to the above property are

VALUABLE PREEHOLD AND LEASEHOLD PROPERTIES, FIRE-BRICK MANUFACTORY, COLLIERY AND COKE WORKS, ENGINES, PLANT, &c. AT TOWER HILL, UPHOLLAND, NEAR WIGAN.

AT TOWER HILL, UPHOLLAND, NEAR WIGAN.

AT TOWER HILL, UPHOLLAND, NEAR WIGAN.

R. JOHN JEFFRYES WILL SELL, BY AUCTION (by order of the Assignees of Mr. John Cadman), at the house of Mr. Thomas Rigby, the White Lion Inn, in Upholland, on Monday, the 19th day of October, 1857, at Five o'clock in the afterneon, subject to such conditions of sale as will be then and there produced, All that FREEHOLD ESTATE, situate in Upholland aforesaid, and adjoining the highways from Upholland to Ormskirk and St. Helen's, containing 40.

3. 21r. of land, or therabouts, with the valuable MINES OF COAL and BEDS OF PIRE-CLAY therein, and the OOLLIERY and PLANT, STONE QUARRIES, and WORKS, lately belonging to Mr. John Cadman, and in his possession. And also, ALL the LEASEHOLD INTEREST of the said John Cadman, of and is the MINES OF OOAL and BEDS OF FIRE-CLAY in the LOWER TOWER HILL ESTATE, in Upholland aforesaid, with the FIRE-BRICK MANUFACTORY and COLLIERY is they worked by the said John Cadman, and the PLANT and EFFECTS thereon and thereto belonging. And also, ALL those FIVE FREEHOLD COTTAGES, with their appurtenances, situate fronting Pimbo-lane, in Upholland aforesaid, and now complete by Henry Aspey and others.

The freehold estate contains valuable mines of ceal, suitable for gas and coking purposes, and also beds of fire-elay and good quarries of stone, all which are now being worked.

An inventory of the plant and effects may be seen at the works; at axes Carrove, Esq., official assignee, North John-street, Liverpool; the auctioneer, in Ornskirk; or at the office of Mr. Ralfn Darlimore Wigan; where a plan of the property may be also seen, and further partic balained.

MINING MACHINERY AND MATERIALS FOR SALE. MINING MACHINERY AND MATERIALS FOR SALE, BY

R. GEORGE SEALY is instructed to OFFER FOR SALE, BY
AUCTION, on Taesday and Wednesday, the 20th and 21st days of October
inst., at Eleven o'clock in the forenoon of each day, at TREHANE MINE, in the
parish of Menheniot, about three miles from the borough of Liskeard, the following
very excellent MACHINERY and MATERIALS:—A 45 in. cylinder PUMPING
ENGINE, 8 ft. stroke, with equal beam, boiler 11 tons, baince-bob and connections,
complete; a 22 in. cylinder whim engine, boiler 9 tons, fly-wheel 11 tons, winding
cage, &c., complete; one spare boiler, 9 tons, nearly new; one large crasher, in excellent order; one portable crusher, used on dressing-floors.

10 fathoms transport tons and worder. on dressing-floors.

1 iron and 2 wood matching pieces.
60 fms. % whim-chain.
66 fms. % whim-chain.
185 fms. 9% in. capstan-rope.
2 whim kibbles.
Shears, poppet heads, and pulleys.
1 large centre cog-wheel, 7 ft. diam.
18 wheel and hand barrows.
1 grinding-stone.

sleepe: tram wagons. 9 ft. 9 in. pumps. 11 ft. 9½ in. workings. 19 ft. 9 in. windbores. 19 in. doors and doorpie complete.

5 12 ft. 7 in. plunger-poles.
3 8/5 ft. 7 in. plunger-poles.
5 bucket prongs, clacks, seatings, &c., complete.
25 fms. 1½ in. bucket rods.
30 fms. 7 and 9 in. main rods, with strapping-plates, botts, staples and glands.
100 fms. knocker line.
100 fms. knocker line.
100 fms. trou stave ladders.
100 fms. tr

of wheel and mass excloses.

I grinding stone.

I minths' bellows and anvils.

I vice and screwing stock.

Screwing tools, 5 swts. steel borers.

A lot of iron and smiths' tools.

4 scales, stands, and weights.

Iron tube in shanging bouse.

Lets b wish.

dial, and the account-house furniture, &c.—Marazion, Oct. 1, 1857.

CAPITAL MACHINERY, STEAM-ENGINES, STEAM BOILEES, TOOLS, &c., WELL ADAPTED FOR RAILWAY ENGINEERS.

MESSRS, T. M. FISHER AND SON WILL SELL, BY AUCLED FOR PRINCES and Co., the Windows Stridge Ironworks, Fendieton, Manchester (sale to commence each day punctually at Eleven o'fock in the forenoon), the valuable MACHINERY, TOULS, STOCK, and UTENAILS, comprising DUNN'S FATENT RETORT HIGH-PRESSURE STEAM SOILER; vertical high-pressure steam-engines, from 5 to 12-horse power; it's and disto, 5-horse power; it's high-pressure steam-engines, from 5 to 12-horse power; it's in and 5% in. single speed lathes; two 10 in. disto, and one 9 in. disto, on bod 16 ft. long, with break; two 8 in. disto, 10-horse power; it's in. and 5% in. single speed lathes; two 10 in. disto, and one 9 in. disto, on bod 16 ft. long, with break; two 8 in. disto, 10-horse power; it's in. and for the 11 in. disto, three 11 in. disto, three 12 in. disto, three 13 in. disto, and one 9 in. disto, one 16 in. disto, and one 18 in. disto, and disto, one 25 in. disto, bod 25 ft. long; one 24 in. disto, one 25 ft. long; and one 25 in. disto, bod 25 ft. long; with break to take in 5 ft. dismeter, and ince-plates, compound disto rests, hand rests, stays, chucks, and driving apparatus; planing machine, bed 25 ft. 6 in. long; disto disto, 26 ft. long; disto disto, 27 ft. disto, bod 25 ft. 6 in. long; and done long and done long done long and done CAPITAL MACHINERY, STEAM-ENGINES, STEAM BOILERS, TOOLS, &c.,
WELL ADAPTED FOR RAILWAY ENGINEERS. Catalogues will be published on the 7th of October, and with any further required sarrieniars, may be had from the auctioneer, 10, Tib-lane; or from Mr. William Brooms, secondant, Norfolk-street, Manchester.

VALUABLE MINING SETT TO BE LET immediately, on fair terms, situate in the parish of Liandingat, in the county of Carmarthen, and within one mile of the Liandiners, Reliway Station. The sect consists of two square miles, or thereshouts. It is evident that there are soveral SILVEE-LEAD LODES running through this valuable set about two miles in length. There are some old workings to be seen on the sett, which have been worked in times out of memory; yet an old man can be found who remembers lead ore carried away from the seld old workings about 80 years ago. In the year 1855, a small trial was made on the main lode. A shaft was sunk on the top of the hill shout 6 fms. deep; the lode in the bottom of the shaft is about 10 ft. wide, composed of bits flookan, fall of small lead, and the other part of the lode is ecomposed of spar and first-class red gossan, with strong spots of lead in the spar, and the water boils up through the large wughs too quick to make speed in sinking. A deep adit has been commenced on the cotres of the lode, and has been driven about 4 fms. The lode in the presentend is 4 ft. wide, composed of bits flookan and spar, with spots of mandic and silver-lead ore, looking very sindly, and by continuing this level 50 fms. more it would gain 30 fms. of back, and by continuing another 20 fms. of back to stope a way, and there is not a doubt but that this lode will produce abundance of silver-lead ore, looking very and it would gain and the real red submaduse of silver-lead ore, looking very and there is not a doubt but that this lode will produce abundance of silver-lead ore, looking tery sand the real lodes and branches running through this valuable sect, too numerous to mention in this advertisement.

Every excuragement will be given to a respectable company by the proprietor of

mention in this advertisement.

Every encouragement will be given to a respectable company by the proprietor of the land. The last company abundoned the mine for want of capital to carry on the operations.—Applications to be made to the proprietor, George Jones, Esq., Faradise Hall, sear Landovery.—Sept. 28, 1897.

PENZANCE, CORNWALL.

IMPORTANT AND EXTENSIVE MANUPACTURING PREMISES,
Held at a ground rent; bounded by the sea wall; in the occupation of the Londo
and Penzance Serpontine Company; also,
THE VALUABLE PLANT AND MACHINERY, THE SPICK IN TRADE,
AND THE LEASES OF SIX QUARRIES.

THE VALUABLE PLANT AND MACHINERY, THE SPOCK IN TRADE, AND THE LEASES OF SIX QUARRIES.

M. R. BOYES has been instructed by the Official Liquidator (appointed by the Court of Chancery to wind up the above company) to SELL, BY AUCTION, at Garraway's Caffee Houses, London, on Wednesday, the Size instances of the 36th September, as previously advertised), at Twelve o'clock, the above valuable PROPERTY.

The PREMISES are extensive, and have been built with stone during the last for years in the most complete and substantial manner, at a cost of several thousand pounds. They contain a sobile show voom, factory, missons' and turners' shops, polishing, engine, and store-rooms, smith, boiler-bouse, large shed, yard, &c. Also, a desirable PLOT of BUILDING LAND, having a frontage of about 460 ft.

The MACHINERY is of the best description, and in excellent working condition, and will be seld with the lease. It consists of two high-pressure stems—regions eleven turning lathes, exprants seawing frames, &c.

The purchaser of the lease and plant will have the option of taking the stock of serpentine stone and Silielan marble, consisting chiefly of chunner-pieces, at Pressance and London, or either, at a fair valuation. To any party desirous of smbaring in this business, a most desirable opportunity is hereby offered; but the premise, from their centent and eliquible situation, and from their possessing every modern has provement, offer unusual advantages for many other manufacturing purposes. A plan and elevation may be seen at the auctioneer's offices. The premise, plant, and stock may be viewed on application to Mr. Brandurar, on the premises, plant, and stock may be viewed on application to Mr. Brandurar, on the premises, plant, and stock may be viewed on application to Mr. Brandurar, on the premise, plant and stock may be viewed on application to Mr. Brandurar, on the premise, plant in London; at the principal hotels at Pymonta and Stock and the auctionser's offices, 33, Abchurch-lane, London.

OUTH WALES.—Mr. ARTHUR O. DAVIES, of Dowlais, in Sauthorised to TREAT for the SALE of TWO YERY VALUABLE GOING COLLIERIES in South Wales.
Also, TO LET, an EXTENSIVE TRACT of STEAM COAL, on a long lease, statement of the sauthorise and the sauthorise shows. oderate royalty, with a rail For terms, apply as above.

TO COPPER SMELTERS, OR OTHERS REQUIRING EXTENSIVE MANUFACTURING PREMISES.—TO BE SOLD, the PENCLAWDD COPPER WORKS, situate on the banks of the Burry or Lougher Ring about eight miles from Swanses, and five from the Lougher Station on the Markes Railway. The buildings, which are most cubatantially created, are entire enclosed by a wall. The premises occupy altogether about 5 acres of ground, and cabled under a lease for 60 years from 25th December, 1847, at the nearly nonlain remore £100 per annum. The wharfage is most convenient, and the dock is capable of a commodating vessels of 500 tons.—For further particulars, apply to Mr. W. A. Havr at the Offices of the Holyford Mining Company, 16, New Broad-street, London. Applications of the Holyford Mining Company, 16, New Broad-street, London. Applications of the December 1840.

TO LEAD MINERS AND OTHERS.—LEASEHOLD MINE.—FOR SALE, EY PRIVATE TREATY, the PENYRHENBLAS MINE, situate in the parish of Holywell, in the county of Flint, held under the Marquis of West minester, at a moderate royalty, for the unexpired term of eleven years, together win a 5 in. CONDENSING ENGINE, and all other requisites necessary for carrying a tee working of the mine.—For further particulars, apply to ADAM EXTON, Eaq., lib nerehymor, near Holywell; or to the agent, Mr. Humt.—Oct. 5, 1857.

WEST SORTRIDGE CONSOLS.—FOR SALE, BY PRIVATE CONTRACT, the above MINE, in the parish of Whitchurch, Devo., tag. ther with ALL the MACHINERY and MATERIALS thereor, comprising a WATEL, 15 ft. in diameter and 7 ft. breast; first-class 5-headed stamps; halmore-be; raveiling-bob; shaft-bob; line of flat-rods (about 35 fms.) of ½ in. crown fron, win pulleys, complete; pieces of 6 in. main rod; 200 fms. tram fron, 2% by %; 35 fallows whim-rope; 14 fms. % chain; 2 whim-kibbles; 7 spare stamps' lifters; wood fore, for.; about 7 or 8 cwts. of cast-steel borers; about 2% cwts. of powder; and salicy ther articles, for which see catalogues.

The above mine adjoins the celebrated Sortridge Consols Mine on the west, the 8s overy just made in the 40 west at which is looked upon as affecting most favorable he west Sortridge sett, and adjoins Wheal Franco, which has also made good.

covery just made in the 40 west at which is looked upon as affecting most favor the West Sortridge estl, and adjoins Wheal France, which has also made goo turns, and is in the immediate neighbourhood of North Wheal Robert, now ma large returns.

The present adventurers have expended a considerable sum in laying open their and several handred pounds worth of the are have been sold, but a number shareholders not paying their calls obliges the company to offer this promise; with the machine, &c. Many of the present shareholders have been desirous ing a new company, as they believe that with a small additional expenditure portant discoveries will be made.

Every information, orders to inspect, and estaloruse, may be abtained for the ortant discoveries will be made. Every information, orders to inspect, and catalogues, may be obtained of J. H. No muson, E.-q., 117, Bishopsgate-street-within, London.

CHISON, E-Q., 117, Bishopsgate-street-within, London.

RAD AND ZINC MINE FOR SALE, IN THE ASHBURD.

DISTRICT, DEVON.—TO BE SOLD, BY PRIVATE CONTRACT, a visable LEAD and ZINC SETT, granted in 1852 for 21 years, now in full work, assed found, with two eterm-negieses, one of 20 in. epinder, and 6ft, stroke, for pumping and the other of 10 in. epinder, with multiplying gear, for crushing and hasing, with a powerful crushing machine attached (a boiler of about 11 tons supplies to engines with steam); 30 fathoris of pumps, varying from 10 in. to 7 in., and a fix plunger-pole, kibbles, chaline, and a variety of articles necessary to the working of the mine, all in first-rate condition.

The sett is extensive; duce 1-16th; engine-shaft 30 fms. in dapth, Zinc abusing and experienced authorities consider lead must be found equally so, either is defor in more extended levels, and the cases of orse exceed 26000. There are seen other locks in the sett not yet explored.

For full particulars, and to treat for the purchase, apply to W. L. Wans, is, Great St. Hesien's, Bishopsgate atreet, London; or to Messra, D'Ancy and Balcur, solicitors, Newton Abbott.—Dated Newton Abbott, Oct. 8, 1857.

PRONSE NEW TRANTE NEW LITTLY TO THE ONE SOLD BY SOLVET.

BOUNTONE NEAR WHITBY.—TO BE SOLD, BY PRIVAIL CONTRACT, a FARM, underlaid by a valuable SEAM of excellent Restorm. The property is intersected by the railway, and the stone has been well for a considerable time in the adjoining land.—For further particulars, apply to R. BOULEY, land surveyor, Whitby.

LAMORGANSHIRE,-COLLIERY FOR SALE.-FOR SALE LAMORGANSHIRE,—COLLIERY FOR SALE.—FOR SALE
BY PRIVATE CONTRACT, an unexpired term of about 48 years, of addithat important COLLIERY, and the MACHINERY and PLANT there are in longing, known as the HAFOD COLLIERY, and situate in the Rhondda Valled, the parish of Lianwonne, in the county of Granorgan. This colliery produces at well adapted for domestic and manufacturing purposes, and a coking coal of there are all the production of the Taff to Baliway, and with all the important iron works and manufacturies in the distribution of a communication with that railway. It is distant from the Port of Carlo Sixteen miles, and from the town of Pont-y-pridd about three miles.—For further particulars, and to treat, apply to Mr. Sanver. Donson, mining engineer, Training Additional Carlo Sixteen Miles, and to treat, apply to Mr. Sanver. Donson, mining engineer, Training

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Pont-y-pridd.

ALE OF VALUABLE ROOK BORING MACHINEEV.

Her Majesty's Principal Secretary of State for War hereby gives notes, interesting the Machine of M

AFE AND ELIGIBLE INVESTMENT.—A FIRST-Rill OPPORTUNITY now OFFERS for any one wishing to lay out a small says with a very fair prospect of its being doubled in a short space of time.

The property alinded to consists of about 250 acres of LAND, in the very central amining District, and contains extensive COPPER LODES. A very going young mine is at work thereon, which is in a fair way to become one of the set in the neighbourhood. It is situated in the most healthy part of Deroslin about 2½ mines from an excellent market town. A good house and the required of the same, which, with a very trifling outlay, might be made as ince country residence. Good fishing and shooting in the neighbourhood. The prictor would have no objection to take other description of property in exhaust.

for the same.

Such an opportunity as the present seldom occurs; and persons who specially
all, but particularly such as lay out money in mining, are invited to look out as
consider whether it is not well worth attention.—For particulars, apply to like
Little and Woolcomer, solicitors, Ker-street, Devonport.

TO BE LET, EXTENSIVE ROYALTIES OF COAL, amounts to 1000 acres, to which more may be added, if requested, in the toward relations of the county Durham, the seams of which have been bored to. They are to be applicable to atsam-bost, manufacturing, and cobing purposes.—For particulars, &c., apply to Mr. Thos. E. Foerran, 7. Ellison-place, Newcastie; or the F. Boyd, Urpeth, Cheater-le-street.—Oct. 8, 1857.

VALUABLE ANTHRACITE COAL, TO BE LET, under ALUABLE ANTHRACITE GOAL,—TO BE LEI, farms called Lladrog Mawr. Lladrog Fach, Ty Canol, Brawtiths and Wern, the following valuable SEAMS OF COAL, or some of them as under these properties:—The Waln Fymon, the Drap, Graigo, Green Yard, and Two Feet Seam, varying from 2 to 5 ft, thick. The situation of with reference to the Gwendracth Canal and the South Wales Rallway, a communication to the ports of Penbrey and Kidwelly, as well as to the Engiand.—For further particulars, apply to Messrs. Whith Badoustrof, solicitors, 12, Great Matheorogh-street, W., London; Mr. GEDRAG GOOTHER; Mr. W. P. STRUYE, C.E., Swances.

TREDINNICK'S LIST OF PRICES OF BRITISH MISS
RAILWAYS, BANKS, &c., published weekly, and forwarded by postelarge of £1 is. annually. Fluctuations in market value faithfully recorded, a
Commenta on the progress of Dividend and sound Progressive Mines.
Gresham House, Old Broad-street, London.

UNITED STATES OF AMERICA.—DUPEE, PERKINS, SAYLES, BOSTON, MASSACHUSETTS, BROKERS for he PURS and SALE of STATE, CITY, and RAILROAD SECURITIES, MANUFACTURAL BANK SHARES, give particular attention to the MINING COMPANIE LAKE SUPERIOR, and furnish reliable information consering them:

[Duper, Perriss, and Sayles refer to the Editor of the Mining Joynal)

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PREVENT SMOKE AND INCREASE STEAM.—
PATENT REGULATING AIR-DOOR, for MARINE and STATIONARY
TEAM-BOILERS, and for LOCOMOTIVE and OTHER FURNACES.

Tram.Boilers, and for LOCOMOTIVE and OTHER FURNACES.

CRESTICATE FROM SIR ANTIONEY BOTHSCHILD.

London, July 23, 1857.—The action of your Regulating Air-Doors at the Royal Mint
Gold and Silver Resinery is very estimated by the regulating Air-Doors at the Royal Mint
Gold and Silver Resinery is very estimated in the tree than before; and they afford the
means of raising or lowering the heat in the refinery furnaces as the work may require. Your invention, in fact, deserves every encoaragement and recommendation.

Les Stevens, Eq. 1, Fish-aircet.bill. Signed, A. ROTHSCHILD.

Por farther particulars respecting the Patent Regulating Air-Door, and the Patent
Safety Marine Boller; and with reference, also, to his Patent Land Furnaces, Domestic
Stoves, and other inventions comprised in his System of Smoke Prevention, apply to
Mr. JOHN LEE STEVENS, I, Fish-atreet-bill, City, London (E. C.), where a great
variety of models and drawings may be seen, and reports and testimonials obtained,

VERLAND ROUTE.—STEAM TO INDIA AND CHINA, &c.,
via EGYPT.—The PENINSULAR and ORIENTAL STEAM NAVIGATION
COMPANY BOOK FASSENGERS and RECEIVE GOODS and PARCELS for the
MEDITERBANKAN, EGYPT, ADEN, BOMBAY, CEYLON, MADRAS, CALCUTTA, the STRAITS, and CHINA, by their steamers leaving Southampton on the
4th and 20th of every month.
For further particulars, apply at the company's offices, No. 122, Leadenhall-street,
Lendon; and Oriental-place, Southampton.

TO COLLIERY OWNERS.—SAFETY with ECONOMY in using MOZARD'S PATENT IMPROVED SAFETY MINING LAMPS, which give brilliant light and prevent explosion, as the lamp cannot be opened without cuting slabing the light; and for twelve hours' burning the cost does not exceed id.—Manufactured by H. MODORINSON, 31, Berwick-street, Soho, London.

Agents wanted for various districts.

ONDIE'S PATENT STEAM HAMMERS.—
FIRST-CLASS STEAM HAMMERS, from 10 cwts. to 7 tons, suitable for joblog forges, puddling forges, engineers, ship-builders, wagon builders, smiths, &c.
made under the subscriber's personal superintendence.

JOHN CONDIE.
Goran Bar Ironworks, Glasgow.

MESSRS. R. & J. COUPE, ENGINEERS and IRONFOUNDERS, MANUFACTURERS of HORIZONTAL HIGH-PRESSURE STEAM-ENGINS, from 10 to 200-horse power; the larger description of engines mounted with beir infraoved negatianatum saids pieron valve, which has proved itself so emiglia dather for winding and other engines.

TO IRONMASTERS, ENGINEERS, AND FOUNDERS.

The HARRINGTON IRON COMPANY are now PREPARED to SUPPLY
MELTING and FORGE PIG-IRON, made from the rich HEMATITE IRON ORE
of CUMBERLAND.—Address, HARRINGTON IRON COMPANY, Cumberland.

of CUMBERLAND.—Address, HARRINGTON IRON CONPANY, Cumberland.

Jon HEAT GAUGE FOR HIGH TEMPERATURES.

Ever since the important invention of heated blast in the smelting of metallic ores was brought into general use, the want of an accurate and durable thermometer for indicating the heat of the blast has been generally experienced. That want is now supplied by this instrument.

Its ADVANTAGE consists in its capability of INDICATING HIGH TEMPERATURES beyond the reach of the ordinary merourial thermometer: its extreme sensitiveness, and the precision with which it registers high temperatures, renders it available as an appendage to the heating stoves of blast furnaces. The fireman, it guided by its indications, is enabled to MAINTAIN a UNIFORM TEMPERATURE in the stove (an important matter in blast furnace operations), whereby a considerable saving of fuel may be effected, both in that used to heat the stove, as well as that which is consumed in the furnaces to smelt the minerals. These gauges are supplied only by W. J. Ledward, Middlesbrough-on-Tees.

STEAM PUMPS, FOR LAND AND MARINE PURPOSES, SINGLE or DOUBLE ACTING; sizes from 2\(\) to 1\(2\) in, diameter, and from to 1\(6\) in, stroke; by JOHN CAMERON. Used for feeding boilers, raising water (for reservoirs, tanks, irrigation, &co.), turning power, or as a steam fire engine. Works, Egerton-street, Hulme, Manchester.

S HAFTING, SHAFTING, SHAFTING.
ROLLERS, ROLLERS, ROLLERS.
SPINDLES, SPINDLES, SPINDLES.
AXLES, SCREWS, MANDRILLS.
THE BEST MAKER IS HARRY BENTLEY, EAGLE WORKS, SALFORD,
MANGRESTEE.
N.B. Every description of Turning, Planing, Boring, and Screw-Cutting. /2/

THOS. GEMMELL AND CO., WIRE ROPE MANUFACTURERS, WORKS, FIRHILL ROAD, SPRINGBANK, GLASGOW.

WARHOURS—Finnicaton Quay, Glasgow; 10, King-street, Liverpool;
43, Marisohal-street, Aberdeen; 46, Osborn-street, Hull.

AGENTS.

HENRY J. MORTON and Co., 2, Basinghall-buildings, Leeds.
GROBOR OUVERM, Liverpool-road, Stoke-upon-Trent.
ISAAO NATUSER, Dibdsle, near Dudley.

J. WADDINGTON, 109, Milligate, Wigan.

THOMAS REID, 33, Quayside, Newcastle-upon-Type.

A RNOLD AND SONS, WIRE WORKERS, WEAVERS, NO. 9, 12, AND IRONMONGERS TO HER MAJESTY.

ARROLD AND IRONMONGERS TO HER MAJESTY.

ARROLD and Sovs being MANUPACTURERS OF WIRE WORK, sen with confidence ensure the strongest and beet quality goods to all who entrust orders to their care. MINES SUPPLIED with Brass and Iron Wire Sieves, Brass Machine Bottoms, Iron Cylinder Sifus, Copper Bottoms, Stamp Grates, Delivering Serges, &c. MINING MATERIALS of every description supplied on the best terms. Price Lists sent on application.

ARDICL and Sons have a very extensive Stock of Purnishing, Navy, Army, and General Ironmongery.—Devonport, Three Doors above the Post-office.

Gineral frommongery.— Devonport, Three Doors above the Post-office.

PATENT WIRE ROPES, ONE-HALF THE COST OF HEMP ROPES.—HENRY J. MORTON AND CO.'S (No. 2, BASINGHALL BUILD-INGS, LEEDS) PATENT WIRE ROPES, for the use of MINES, COLLIERIES, RAILWAYS, &c.; one-half the weight of being rope, and one-third the cost; one-third the weight of being and one-third the cost; one-third the weight of being, and one-half the cost—in all deep mines these advantages are self-evident. References to most of the principal colliery owners in the kingdom. GALVANISED SIGNAL CORDS AND KNOCKER LINES; will not rust or cortods, and not affected by the copper water in mines. Very strong, and not at all liable to break. Prices from 15s. per 100 yards.

CROGGON'S PATENT ASPHALTED ROOFING FELTS, 1d. per foot.

DRY HAIR BOILER FELTS, to SAVE COAL.

PATENT BOILER COMPOUND, for bad water.

YAIRRANK'S WEIGHING MACHINES, of all sizes,
OALVANISED IRON ROOFING AND SPOUTING.

PATENT HETALLIC PACKING, 1s. 3d. per 1b.
PATENT METALLIC PACKING, 4s. per 1b.
PATENT GALVANISED AIR-PIPES, for ventilation.

STUCK of MINING and BAILWAY STORES in Liverpool and London:—vis.
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	5000 Gt. Wh. Busylcop. & tin.), Kenwyn 6% 6% 6% 7 1024 Great Wheai Fortune, Breage 224 13 1 7 3% 4% 3000 Gwinear Consols (copper) 8 4	1024 Trevoole, Crowan, Cornwall 10 1012
		4000 Tyn-y-Worglodd (slate), Carna. 10000 Tyn-y-berth (slate), Talyllyn 1
2560 Laie of Man (Limited)** 25 43 54 17 3 1 0 0—Sept. 3, 1857. 76 Jamaica (lead), Mold, Plintshire 34, 13s. 8d 280 0 0 5 0 0 Mar. 10, 1851. 20 Laxey Mining Company, Isle of Man 100 1000 1420 0 0 50 0 0—June 30, 1857.	512 Halamanning and Croft Gothai 194% 3 1 1 3192 Hawkmoor (tin, cop.), Calstock 14 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6400 Trewane United (silver-lead). 1
20 Laxey Mining Company, Isla of Man 100 1000	5000 Kelly Bray (ld., cop.), Callington 5% 1% 1% 6000 Keswick (lead), Portinscale 24 9 6 1 1% 6000 Kinnerton. Salop	1024 West Alfred (cop.), PhillackEss / 4
400 Lisburne (lead), Cardiganshire, Wales 183 120 120 208 10 0 3 0 0 - Aug. 6, 1857. 6000 Marke Valley (copper), Caradon 41, 10a. 6d. 3 23 0 5 6 0 5 6 0 3 0 - Sept. 7, 1855. 6000 Mendip Hills (lead), Somerset 33 15 15 17 6 0 5 0 - May 29, 1857. 6000 Merliyn (lead), Flint. 35 11 10 0 2 6 - June 22, 1853.	6000 Lady Bertha (copper) [8.E.] 178	6400 West Powey Consols (tin, cop.). 7 34
10	4474 Lambest Consols (silver-lead) 1s 4 6s. 6d. 12000 Llandudno (copper) 14 4 4 1 1004 Mill Pool (tin. con.) St. Hilary £13 16 6 234 234 234	6000 West Polberro, St. Agnes
Solid Santaso and Penrhiw, Limited (\$2\)\(\)\(\)\(\)\(\)\(\)\(\)\(\)\(7300 Mixon Great Con. (cop.), Leek & 192 1 16000 Mold (lead), Limited	1024 West Rosewarne United 1036 West Stray Park, Camborne 3 5 1 1 1 1 1 1 1 1 1
10 10 10 10 10 10 10 10	4207 Mount's Bay Consols, Marazion 4% 26 26 64 Nantar-Nelle, Liandovery 31 20 28 64 64	4000 Wheal Addams (copper & lead) % 2% 1% .
6000 North Wheel Basset (cop., tin), Illo.* [S.E.] mil, 16 [6] [6] [13 13 0 0 10 0—Aug. 28, 1857. 4000 Par Consols (copper), St. Blassey [S.E.] 1½ 21 20 21 29 14 0 1 10 0—June 30, 1857. 500 Peak United (lead), North Derbyshire 7½ 21 22 ½ 2 24 4 10 0 0 10 0—Apr. 12, 1856. 200 Phomix (coppers, tin), Linkinsborns 100 370 23 24 10 0 20 0 Po.May 4. 1857.		519 Wheal Clinton (lead) 19 14
200 Pomnix (copper, tin), Linkinghorne 100 370 370 224 10 0 20 0 0 — May 4, 1857, 1000 Polberro (tin), St. Agnes (Preferential) 15 1 18 11 9 1 0 3 — July 11, 1857, 1500 Providence Mines (tin), Uny Lejante 201, 13s. 24 9 95 100 66 4 6 4 0 0 — Aug. 19, 1857, 1	3400 New Macano State and Sing Co. 34	1024 Wheal Constance (aliver-lead). 4% 4 4996 Wheal Oreofr (sop.), Tavistock #4 2 4 15120 Wheal Cupid (copper), Redruth 34 3 161
2500 Rhoswydol and Bachelddon (lead)	1024 North Buller (cop.), Redruth 12% 51% 4 41% 2000 North Downs (cop.), Redruth 43 2 2 24 256 North Fowey (copper) 44 4 2 2 24 250 North Frances (cop.) [S.E.]	4096 Wheal Edward, Calstoen [b.E.] 20 1 6000 Wheal Eliza (cop.), Whitchurch 1 1024 Wheal Ellen (cop.), St. Agnes £4 2 24 24
12009 Sortridge Consols (cop.), Whitchurch [S.E.] 6s 2½ 2½ 2½ 6 10 0 3 2 6—July 37, 1857. 256 South Caradon (copper), St. Cleer [S.E.] 2½ 350 340 345 482 0 0 8 0 0—Sept. 29, 1857. 185 482 0 0 8 0 0—Sept. 29, 1857.	1024 North Buller (cop.), Redruth. 134	4096 Wheai Edward, Caistoek (S.E.) 5½ 9½ 9½ 93 6000 Wheai Eliza (cop.), Whitchurtoh 1 1 1024 Wheai Elien (cop.), St. Agnes. £4 2 2½ 2½ 1000 Wheai Emily (cop.), Gwithian. 2 3 14000 Wh. Emma (cop.), Buckfastleigh 9 1070 Wheai Ersp (tin.), Wendrom. £16 13 6 10 720 Wheai Franco, near Tavistock 20½ 8
- 356 South Tolgus (copper), Redruth, Cornwall. 16 130 120 74 0 0 3 0 0—July 23, 1857, 495 South Wheal Frances, Illogan* (S.E.]184. 18s. 9d 240 230 240 267 5 0 6 0 0—Sept. 7, 1857. 1024 Spearne Consols (tin), St. Just, Cornwall 3 45 8 6 0 2 6—Dec. 10, 1853. 280 Spearne Moor (copper), St. Just 23, 7s. 8d 15 4 5 0 0.10 0—June 13, 1856.	2000 North Levant (tis, cop.), St. Just 6 1 3 1	1070 Wheai Franco, near Tavistock. 20% 1. 8
04 St Tese Consols (tim) St Twee 90 160 150 160 610 0.0 7 0.0 Mer 10 1617	2000 North Levant (tin,eop.), St. Just 6 4 334 4 512 North Penhaldarva 14 5 5 .024 North Rosewarne, Gwinear 4 5 3 .024 North Rosewarne, Gwinear 5 3 4 5 .024 North Wheal Busy 58 0 5 24 2 3 .024 North Wheal Busy 58 0 5 24 2 3 .024 North Wheal Crefty [S.E.] £7 18 4 44 44 5 .024 North Wheal Crefty [S.E.] £7 18 4 44 44 5	4000 Wheal Glynn
04 St Tree Consols (tim) St Tree 90 160 150 160 610 0.0 7 0.0 Mer 10 1817	6144 N.Wh. Robert, Sampford Spiney 214 34 214 3 1240 North Wheal Trelaway	5120 Wheal Harriott, Camborne
9600 Tamar Consols (sillead), Beeralston [S.E.] 4½ 1½ 1½ 416 0 2 6—Feb. 7, 1856, 6009 Tincroft (copper, tin), Pool, Illogan [S.E.] 9 4 4½ 8 3 6 0 5 0—April 13, 1857, 2043 Trebane (silver-lead), Manheniot 2 2 2 3 4 2 3 8 11 3 0 5 0—Dec. 29, 1855, 572 Trejon Consols (tin), St. Tres 11½ 14 15 17½ 1 15 0 1 0 0—Feb. 21, 1854, 96 Tresavean (copper), Gwennap, Cornwall 42½ 65 55 65 4677 15 0 5 0 0—June 4, 1855.	1240 North Wheal Trelaway	4800 Wheal Ludeott
20	1 1 2 2 2 2 2 2 2 2	3000 Wh. Maudhii (cope), Markey 5 10 128 Wheal Polmear, St. Austell 325 33 15 34 34 35 35 35 35 35 35 35 35 35 35 36 37 38
400 United Mines (copper), Gwennap [8.E.] 40 150 130 140 61 5 6 2 0 0—Feb. 12, 1856.	600 Old Tolgus United (cop.), Redr. 50 50 53 54 5588 Old Trewether Console 25 6 Old Wheal Basset, Illean 10 6 2 10000 Pedn-an-drea United (tin) £2 13 6 1 1 116 36820 Penbroke & East Crimis (cop.) £1 6 6 3 4 3	3900 When Pollard
20000 Vale of Towy (lead), Carmarthen [S.E.]	10000 Pedn-an-drea United (Un)	4000 Wheal Russell (cop.), Involution 7 15 11 1024 Wheal Sidney, Plympton 7 12 11 4096 Wheal Tallack, St. Agnes
6000 West Basset (copper), Illogan* (8.E.) 15 28 26 27 21 0 0 0 8 0-Sept. 23, 1357. 256 West Caradon (copper), Liskeard (8.E.) 20 130 120 125 236 50 2 0 0-Sept. 23, 2357. 256 West Damsel (copper), Gwannap 5.0 7 80 85 90 22 0 0 2 0 0-July 20, 1357. 1024 West Providence (tin), St. Erth 16, 11s. 7d 18 11 13 33 1 9 0 10 0-April 5, 1357.	36820 Pembroke & East Crimis (cop.) & 1 6 6 4 4 4 5	6000 Wheal Tehidy (cop.), Illogan 22 43 4 1024 Wheal Thomas, Perran Porth 2 43 4 4000 Wheal Treeby
1024 West Providence (tin), St. Erth	4223 Penquean, Sr. Brecek	512 Wheal Trefusis (cop.), Gwenn 21 2 24 34 3102 Wh. Unity (cop., tin), Gwinear £8 19 24 34 1024 Wheal Unv (tin, cop.), Redruth£25 12 33 29
340 Wheal Raset (conner), Illogene (S. E.) 54 210 200 210 483 10 0 5 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1	100 Pentsruthai (copper)	1024 Wheal Marshall, St. Cieer 1 1 1 1 3000 Wh. Maudlin (cop.), Lianivery. 3 1 1 1 3000 Wh. Maudlin (cop.), Lianivery. 3 1 1 1 1 3000 Wh. Maudlin (cop.), Lianivery. 3 1 1 1 1 1 3000 Wheal Morgan, Liandovery . 5 1 0 1 1 2 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3
1014 Wheel Charlotte, Perrannthaoe. 33/4 4 5 1 10 0 0 10 0—Sept. 9, 1855. 230 Wheel Clifford (copper), Gwonnap — 450 250 39 0 0 6 0 0—May 6, 1857. 250 Wheel Fortesque, Bodmin	2400 Porkellis United (tin) [S.E.] 9 6 54 54	6000 Whitehureh Consols
the Wheel Evlandshin (conney) Devon 40 50 50	560 Pwil-y-Wheel (lead), Mold	5000 Willow Bank (lead), Limited 11s 2
1934 Wheal Grylia (copper, tin), Breage 4s. 51 20	and the state of t	
1934 Wheal Grylis (copper, tin), Breage 4s. 54 20 174 20 7 0 0 1 10 0—June 12, 1857, 512 Wheal Jane (silver-lead), Kea. 34 20 174 20 7 0 0 1 10 0—June 12, 1857, 5000 Wheal Kitty (tin), St. Agnes 44 44 44 54 0 0 6 0 0 3 0—Mar. 24, 1857, 1024 Wheal Kitty (tin), Uny Leiant (S.E.). 51 7 22 22 22 22 22 22 22 22 22 22 22 22 2	Mining Companies Sacargarath Nova. cap. Blare, Bus. dose. Acadian Charcoal Iron (61. paid) \$200000 \$6 \$6 \$1	ed with Timited Tiability,
1934 Wheal Grylls (copper, tin), Breage 4s. 26 20 20 20 20 Feb. 24, 1857, 512 Wheal Jane (silver-lead), Res. 34 20 17/5 20 7 0 0 1 10 0—June 12, 1857, 5000 Wheal Kitty (tin), St. Agnes 44 44, 54 0 60 0 3 0—Mar. 24, 1857, 1024 Wheal Kitty (tin), St. Agnes 122 22 22 22 22 6 6 0 0 1 0 0—Sept. 17, 1857, 450 Wheal Lovel (tin), Wendron 33 18 31 0 0 1 0 0—Sept. 17, 1857, 450 Wheal Mary Ann (lead), Membeniot [S.E.] 8 45 47 45 30 26 2 5 0—Sept. 15, 1856, 468 Wheal Mary Ann (lead), Membeniot [S.E.] 8 48 47 48 30 26 2 5 0 0—Sept. 15, 1857, 40 Wheal Owled, St. Just, Cornwall 70 300 300 300 20 13 0 5 0 0—Aug. 2, 1857, 40 Wheal Restly (tin), Uny Leiant 31 40 35 35 40 00 00 10 0 5 0 0—Aug. 2, 1857, 40 Wheal Restly (tin), Uny Leiant 31 40 35 35 40 00 00 10 0 5 0 0—Aug. 2, 1857, 40 Wheal Restly (tin), Uny Leiant 31 40 35 35 40 00 00 10 0 5 0 0—Aug. 2, 1857, 40 00 00 00 00 00 0 0 0 0 0 0 0 0 0 0	Hising Companies Saranyarat Nom. cap. Share. Bus. done. Acadian Charcoal Iron (6l. paid)	ed mith Limited Liability, Non.cap. Blars, Du.s. Llwynmaless Mining
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1934 Wheal Grylis (copper, tin), Breage 4s. 26 20 17/5 20 7 0 0 1 10 0—June 12, 1857, 512 Wheal Jane (silver-lead), Kes. 33/5 20 17/5 20 7 0 0 1 10 0—June 12, 1857, 5000 Wheal Kitty (tin), St. Agnes 4 4 4/5 4/5 4/6 5/5 0 6 0 0 3 0—Mar. 24, 1857, 1024 Wheal Kitty (tin), Bt. Agnes 3 1 2 22 22 22 22 6 6 0 0 1 0 0—Sept. 17, 1857, 1450 Wheal Mary Ann (lead), Membenioti (B.E.) 51 7 2 22 22 22 22 6 6 0 0 1 0 0—Sept. 17, 1857, 1024 Wheal Mary Ann (lead), Membenioti (B.E.) 5 4/5 67/5 68 5 82 0 0 4 0 0—Aug. 23, 1857, 1024 Wheal Mary Ann (lead), Membenioti (B.E.) 5 48 47 48 30 2 6 2 5 0—Sept. 15, 1857, 1024 Wheal Mary Ann (lead), Membenioti (B.E.) 5 48 47 48 30 2 6 2 5 0—Sept. 15, 1857, 1024 Wheal Reeth (tin), Uny Lelant 31/5 35 35 40 10 10 0 3 0 0—Aug. 23, 1857, 104 Wheal Reeth (tin), Uny Lelant 31/5 35 35 40 10 10 0 3 0 0—Aug. 23, 1857, 104 Wheal Reeth (tin), Uny Lelant 31/5 35 35 40 10 10 0 3 0 0—Aug. 21, 1857, 1040 Wheal Trelawny (silid.), Liskeard (S.E.) 4/5 24 25 23 10 0 1 0 0—Aug. 11, 1857, 1040 Wheal Trelawny (silid.), Liskeard (S.E.) 4/5 25 25 31 0 0 1 0 0—Jun 1, 1854, 4666 Wheal Wrey (lead), St. Ive+ 11. 59, 5 3/5 5/5 3/5 2 2 7 5 8 1 0 0—Jun 9, 1857, 1857, 1850	### Acadian Charcoal Iron (61. paid)	## mith Timited Tinhility, **Non.cap. Shars, Bush Llwynmaless Mining
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PODBION WINDS	### Acadian Charcoal Iron (61, paid) ### Saratyana	Ref mith Timited Tinhility,
FOREIGN MINES. 5000 Alten Mining Company (copper), Norway. £14½	Property	Ref mith Timited Tinhility,
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FOREIGN MINES. 5000 Alten Mining Company (copper), Norway. £14½	Property	Liwymmaless Mining
FOREIGN MINES, 5000 Alten Mining Company (copper), Norway, £14½ 2 2 4 5 0 0 15 0—Nov. 21, 1853, 2464 Burra Burra (copper), South Australia 5 114 139 135 0 0 5 0 0—June 5, 1857, 12000 Coper Copper Company (copper), Caba [S.E.] 40 47 48 48 85 12 0 1 0 0—July 21, 1857, 10000 Copiapo Mining Company, Calif [S.E.] 16 12 10 12 5 8 0 0 10 0—May 0, 1856, 120000 General Mining Assoc, Nova Seotia [S.E.], 20 166 17 17½ 10 5 0 0 15 0—July 71, 1857, 15000 Linares (lead), Pozo Airbho, Spain [S.E.] 3 8 8 85½ 4 5 6 0 5 0—June 25, 1857, 10000 Lustianian (of Portugal) [S.E.] 1½ 1½ 45 1 0 4 3 0 1 9—Sept. 3, 1856, 103815 Mariquita and New Granada [S.E.] 1½ 1½ 45 1 0 4 3 0 1 9—Sept. 3, 1857, 10000 Linares (lead), Pozo Airbho, Spain [S.E.] 15 12 12 10 12 6 0 2 6 0 2 6—Sept. 29, 1857, 10000 Copper (Louis Copper), Challed 2 7 5 7 1 0 0 1 0 0—June 26, 1855, 10000 Pontgibaud (silver-lead), Prance [S.E.] 20 7 5 7 1 0 0 1 0 0—June 26, 1855, 11000 St. John del Rep 15 15 12 124 134 34 7 6 1 0 0—June 26, 1855, 11000 St. John del Rep 15 15 12 124 134 34 7 6 1 0 0—Nov. 26, 1856, 11000 St. John del Rep 15 15 12 124 134 34 7 6 1 0 0—Nov. 26, 1856, 1857 1857 1857 1857 1857 1857 1857 1857	### Acadian Charcoal Iron (61. paid) ### \$20000	Liwymmalees Mining
FOREIGN MINES. 5000 Alten Mining Company (copper), Norway. £14½ 2 2 4 5 0 0 15 0—Nov. £1, 1853, 2464 Burra Burra (copper), South Australia. 5 114 1850 185 0 0 5 0 0—June 5, 1857, 12000 Copreto Copper Company (copper), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857, 10000 Copiapo Mining Company, Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 9, 1836, 20000 General Mining Assoc., Nova Scotia [S.E.] 30 16½ 17 17½ 10 5 0 0 15 0—July 7, 1857, 15000 Linares (lead), Pozo Angho, Spain [S.E.] 3 8 8 8½ 4 5 6 0 5 0—July 7, 1857, 15000 Linares (lead), Pozo Angho, Spain [S.E.] 3 8 8 8½ 4 5 6 0 5 0—June 25, 1857, 10000 Lustianiam (of Portugal) [S.E.] 1½ 1½ ½ 1 0 4 3 0 1 9—Sept. 3, 1858, 10000 Peninsular Mining Company (Limited). 2 2 2 2 4 5 0 0 15 0—June 25, 1857, 10000 Peninsular Mining Company (Limited). 2 2 2 10 2 6 0 2 6—Sept. 39, 1856, 10000 Peninsular Mining Company (Limited). 2 2 2 0 2 6 0 2 6—Sept. 39, 1856, 10000 Peninsular Mining Company (Limited). 2 2 2 2 4 5 0 0 10 0—June 26, 1855, 10000 Peninsular Mining Company (Limited). 2 2 2 0 2 6 0 2 6—Sept. 39, 1856, 10000 Peninsular Mining Company (Limited). 2 2 2 0 2 6 0 2 6—Sept. 39, 1856, 10000 Peninsular Mining Company (Limited). 2 2 2 0 2 6 0 2 6—Sept. 39, 1856, 10000 Peninsular Mining Company (Limited). 2 2 2 0 2 6 0 2 6—Sept. 39, 1856, 10000 Peninsular Mining Company (Limited). 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Acadian Charcoal Iron (61. paid) Section	Liwymmaless Mining
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FOREIGN MINES. 5000 Alten Mining Company (copper), Norway. £14¼ 2 2 2 4 5 0 0 15 0—Nov. £1, 1853, 2464 Burra Burra (copper), South Australia 5 114 1890 185 0 0 5 0 0—June 5, 1857, 12000 Coper Copper Company (cop), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857, 10000 Copiago Mining Company, Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 9, 1836, 20000 General Mining Assoc., Nova Seotia [S.E.] 30 166, 17 17¼ 10 5 0 0 15 0—July 7, 1837, 15000 Linares (lead), Pozo Angho, Spain [S.E.] 3 8 8 3½ 4 5 6 0 5 0—June 25, 1837, 15000 Linares (lead), Pozo Angho, Spain [S.E.] 1½ 1½ ½ 1 0 5 0 0 15 0—Sept. 3, 1837, 10000 Lastanian (of Portugal) [S.E.] 1½ 1½ ½ 1 0 0 4 3 0 1 9—Sept. 3, 1837, 10000 Lastanian Mining Company (Limited) 2 2 2 8 0 0 10 0—Jun. 29, 1857, 25000 Peninsular Mining Company (Limited) 2 2 2 2 2 2 2 2 2 2 4 5 0 0 15 0—June 25, 1837, 10000 Peninsular Mining Company (Limited) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Acadian Charcoal Iron (61. paid) Second Se	Liwymmaless Mining
FOREIGN MINES. 5000 Alten Mining Company (copper), Norway. £14¼ 2 2 2 4 5 0 0 15 0—Nov. £1, 1853, 2464 Burra Burra (copper), South Australia 5 114 1890 185 0 0 5 0 0—June 5, 1857, 12000 Coper Copper Company (cop), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857, 10000 Copiago Mining Company, Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 9, 1836, 20000 General Mining Assoc., Nova Seotia [S.E.] 30 166, 17 17¼ 10 5 0 0 15 0—July 7, 1837, 15000 Linares (lead), Pozo Angho, Spain [S.E.] 3 8 8 3½ 4 5 6 0 5 0—June 25, 1837, 15000 Linares (lead), Pozo Angho, Spain [S.E.] 1½ 1½ ½ 1 0 5 0 0 15 0—Sept. 3, 1837, 10000 Lastanian (of Portugal) [S.E.] 1½ 1½ ½ 1 0 0 4 3 0 1 9—Sept. 3, 1837, 10000 Lastanian Mining Company (Limited) 2 2 2 8 0 0 10 0—Jun. 29, 1857, 25000 Peninsular Mining Company (Limited) 2 2 2 2 2 2 2 2 2 2 4 5 0 0 15 0—June 25, 1837, 10000 Peninsular Mining Company (Limited) 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Acadian Charcoal Iron (61. paid) Second Se	Liwymmaless Mining
## FOREIGN MINES. ## 5 0 0 15 0—Nov.21, 1853. ## 3464 Burra Burra (copper), Norway. £14½ 2 2 2 0 185 0 0 5 0 —June 5, 1857. ## 1800 Core Copper Company (cop), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857. ## 1800 Core Copper Company (cop), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857. ## 1800 Core Copper Company (copper), Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 0, 1856. ## 1800 Core Mining Company, Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 0, 1856. ## 1800 Core Mining Company, Chili [S.E.] 20 166 11 17½ 10 5 0 0 15 0—July 7, 1857. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 3 8 8 8 % 4 5 6 0 5 0—June 25, 1857. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Principal and Mining Company (Limited) 2	Acadian Charcoal Iron (61. paid) Second Se	Liwymmalees Mining
## FOREIGN MINES. ## 5 0 0 15 0—Nov.21, 1853. ## 3464 Burra Burra (copper), Norway. £14½ 2 2 2 0 185 0 0 5 0 —June 5, 1857. ## 1800 Core Copper Company (cop), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857. ## 1800 Core Copper Company (cop), Cuba [S.E.] 40 47 46 48 85 12 0 1 0 0—July 21, 1857. ## 1800 Core Copper Company (copper), Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 0, 1856. ## 1800 Core Mining Company, Chili [S.E.] 16 12 10 12 5 8 0 0 10 0—May 0, 1856. ## 1800 Core Mining Company, Chili [S.E.] 20 166 11 17½ 10 5 0 0 15 0—July 7, 1857. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 3 8 8 8 % 4 5 6 0 5 0—June 25, 1857. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Linares (lead), Pozo Ancho, Spain [S.E.] 1 % 1 0 4 3 0 1 9—Sept. 3, 1856. ## 1800 Principal and Mining Company (Limited) 2	Acadian Charcoal Iron (61. paid) 200000 26. 6 6 4 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19	Liwymmalees Mining
## FOREIGN MINES, 1000 Alten Mining Company (copper), Norway. £14½ 2	Acadian Charcoal Iron (61. paid) \$20000 \$26. 6 6 6 8 8 8 8 8 8 8 9000 \$2 8 8 6 6 8 8 8 8 8 9 9 9 9 9 1 9 9 9 9 9 9 9 9 9	Liwymmaless Mining
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